

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

D_M3

C Number: C20006B
Lock Date: 03/08/2010
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
Study Gender: Both
TDMSE Version: 2.2.0

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P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 1

TMT: 1
 DOSE: 0 mg/kg

SEX: Male
 DISP: Terminal Sacrifice

DAY ON TEST: 731
 HISTO: 0900001

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Gallbladder | * Harderian Gland | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Kidney | * Lung |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Nose | * Pancreas |
| * Parathyroid Gland | * Pituitary Gland | * Preputial Gland | * Prostate |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Testes | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | |
|---|------------------------|----------|
| * Islets, Pancreatic | Hyperplasia | Mild |
| * Liver | Clear Cell Focus | |
| | Eosinophilic Focus | |
| | Fatty Change | Mild |
| | Hepatocellular Adenoma | Multiple |
| [Clear Cell Focus TGLs = 4-13] | | |
| [Eosinophilic Focus TGLs = 2-4+11] | | |
| [Hepatocellular Adenoma TGLs = 1,3-10+12] | | |
| * Thymus | Atrophy | Marked |

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 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 2

TMT: 1
DOSE: 0 mg/kg

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST: 673
HISTO: 0900002

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Eye	Cornea	Inflammation	Chronic, Minimal
* Harderian Gland		Carcinoma	
	[Carcinoma TGLs = 3-9]		
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Eosinophilic Focus	
		Fatty Change	Mild
		Hepatocellular Adenoma	
	[Eosinophilic Focus TGLs = 2-11]		
	[Hepatocellular Adenoma TGLs = 1-10]		
* Nose		Inflammation	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Atrophy	Mild
Tooth		Malformation	Mild

PRIMARY CAUSE OF DEATH - Harderian Gland Carcinoma

* PROTOCOL REQUIRED TISSUE

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Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 3

TMT: 1

SEX: Male

DAY ON TEST: 732

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900003

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Intestine Small, Duodenum [Polyp Adenomatous TGLs = 1-10]	Polyp Adenomatous	
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Nephropathy	Minimal
* Nose	Inflammation	Mild
* Salivary Glands	Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Forestomach [Ulcer TGLs = 2-11]	Ulcer	Marked
* Thymus	Atrophy	Mild
Tooth	Malformation	Moderate

TDMS No. 20006 - 04
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P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 4

TMT: 1

SEX: Male

DAY ON TEST: 732

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900004

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Renal Tubule	Hyperplasia	Moderate
	Renal Tubule	Nephropathy	Mild
* Liver		Vacuolization Cytoplasmic	Mild
		Eosinophilic Focus	
	[Hepatocellular Carcinoma TGLs = 3,4,5,6,11-12+13+14+15]	Hepatocellular Carcinoma	Multiple
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	[Hepatocellular Carcinoma TGLs = 10-3]		
* Lymph Node, Mesenteric		Hematopoietic Cell Proliferation	Moderate
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLs = 7-16]		
* Seminal Vesicle		Atrophy	Moderate
	[Atrophy TGLs = 8-7]		
* Skin		Ulcer	Moderate
	[Ulcer TGLs = 1,2-10+11]		
* Spleen		Hematopoietic Cell Proliferation	Mild
	[Hematopoietic Cell Proliferation TGLs = 9-4]		
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

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 Lab: BAT

ANIMAL NUM: 5

TMT: 1

SEX: Male

DAY ON TEST: 463

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0900005

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Eye	Cornea	Inflammation	Chronic, Minimal
[Inflammation TGLs = 1-9]			
* Harderian Gland		Adenoma	
[Adenoma TGLs = 2-9]			
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Clear Cell Focus	
		Fatty Change	Mild
		Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLs = 3-10]			
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands, Respirat Epith	Hyperplasia	Minimal
		Inflammation	Minimal

PRIMARY CAUSE OF DEATH - Harderian Gland Adenoma

* PROTOCOL REQUIRED TISSUE

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 Lab: BAT

ANIMAL NUM: 6

TMT: 1
 DOSE: 0 mg/kg

SEX: Male
 DISP: Terminal Sacrifice

DAY ON TEST: 732
 HISTO: 0900006

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Minimal
* Kidney		Nephropathy	Mild
* Liver		Fatty Change	Mild
		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLs = 2,3,4-10 +11+12]		
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands, Respirat Epith	Hyperplasia	Minimal
* Preputial Gland		Cyst	Mild
	[Cyst TGLs = 1-8]		
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Forestomach		Ulcer	Mild
* Thymus		Atrophy	Mild

TDMS No. 20006 - 04
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 Lab: BAT

ANIMAL NUM: 7

TMT: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900007

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Heart	Cardiomyopathy	Minimal
* Islets, Pancreatic	Hyperplasia	Moderate
* Kidney	Nephropathy	Mild
* Liver	Eosinophilic Focus	
	Fatty Change	Minimal
	Hepatocellular Adenoma	Multiple
	[Eosinophilic Focus TGLs = 3-11]	
	[Hepatocellular Adenoma TGLs = 1,2,4-10+11+12]	
* Nose	Inflammation	Minimal
* Pituitary Gland	Cyst	Minimal
* Thymus	Atrophy	Mild
Tooth	Malformation	Moderate

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
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 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 8

TMT: 1

SEX: Male

DAY ON TEST: 546

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0900008

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Eye		Degeneration	Marked
* Harderian Gland		Carcinoma	
[Carcinoma TGLs = 1-9]			
* Heart	Artery	Inflammation	Chronic, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Eosinophilic Focus	
		Fatty Change	Mild
* Stomach, Glandular		Inflammation	Chronic, Minimal
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH - Harderian Gland Carcinoma

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 9

TMT: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900009

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Islets, Pancreatic	Hyperplasia	Minimal
* Liver	Fatty Change	Minimal
	Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLs = 2,3,4,5-10+11+12]		
* Salivary Glands	Infiltration Cellular	Mononuclear CI, Mild
* Seminal Vesicle	Inflammation	Chronic, Minimal
[Inflammation TGLs = 1-7]		
* Spleen	Hematopoietic Cell Proliferation	Minimal
* Thymus	Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
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Species/Strain: MICE/B6C3F1

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First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 10

TMT: 1
DOSE: 0 mg/kg

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 0900010

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Harderian Gland [Adenoma TGLs = 1-9]	Adenoma	
* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Fatty Change	Mild
* Salivary Glands	Infiltration Cellular	Mononuclear CI, Minimal
* Thymus	Atrophy	Marked

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 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 11

TMT: 1
 DOSE: 0 mg/kg

SEX: Male
 DISP: Moribund Sacrifice

DAY ON TEST: 711
 HISTO: 0900011

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Harderian Gland	Infiltration Cellular	Mononuclear CI, Minimal
* Kidney	Lymphoma Malignant	
	Nephropathy	Minimal
* Liver	Eosinophilic Focus	
	Hepatocellular Adenoma	Multiple
	Hepatocellular Carcinoma	
	[Eosinophilic Focus TGLs = 9-15]	
	[Hepatocellular Adenoma TGLs = 5,7-13+14]	
	[Hepatocellular Carcinoma TGLs = 6-14]	
* Lung	Hepatocellular Carcinoma	Metastatic (Liver)
	Lymphoma Malignant	
* Lymph Node, Mandibular	Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 8-11]	
* Lymph Node, Mesenteric	Lymphoma Malignant	
* Preputial Gland	Cyst	Minimal
* Salivary Glands	Infiltration Cellular	Mononuclear CI, Mild
* Skin	Ulcer	Moderate
	[Ulcer TGLs = 1,2,3-10+11+12]	
* Spleen	Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

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First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 11

TMT: 1
DOSE: 0 mg/kg

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST: 711
HISTO: 0900011

ORGAN AND ACCOUNTABLE SITE STATUS

Lymphoma Malignant

[Hematopoietic Cell Proliferation TGLs = 4-4]
* Thymus

Atrophy

Marked

Lymphoma Malignant

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH - Spleen Lymphoma Malignant

TDMS No. 20006 - 04
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 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 12

TMT: 1

SEX: Male

DAY ON TEST: 644

DOSE: 0 mg/kg

DISP: Natural Death

HISTO: 0900012

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

Blood Vessel	Adventitia, Pulmn Vein	Infiltration Cellular	Polymorphnuclr, Minimal
* Heart		Cardiomyopathy	Moderate
* Kidney		Nephropathy	Moderate
* Liver		Basophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	[Hepatocellular Adenoma TGLs = 3,4-12+13]		
	[Hepatocellular Carcinoma TGLs = 1,2-10+11]		
* Preputial Gland		Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma
 CONTRIBUTORY CAUSE OF DEATH - Heart Cardiomyopathy
 - Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
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Species/Strain: MICE/B6C3F1

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Date Report Requested: 03/25/2010
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First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 13

TMT: 1
DOSE: 0 mg/kg

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST: 501
HISTO: 0900013

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Harderian Gland	Adenoma	
* Islets, Pancreatic	Hyperplasia	Moderate
* Kidney	Mineralization	Mild
	Nephropathy	Minimal
[Nephropathy TGLs = 1-4]		
* Liver	Clear Cell Focus	
	Eosinophilic Focus	
	Fatty Change	Mild
	Tension Lipidosis	Minimal
[Eosinophilic Focus TGLs = 2-10]		
* Spleen	Hematopoietic Cell Proliferation	Mild
* Thymus	Atrophy	Minimal
Tooth	Malformation	Mild

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 14

TMT: 1
 DOSE: 0 mg/kg

SEX: Male
 DISP: Moribund Sacrifice

DAY ON TEST: 532
 HISTO: 0900014

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Brain		Granular Cell Tumor Benign	
* Eye			
	Note: Both optic nerves were missing		
* Islets, Pancreatic		Hyperplasia	Moderate
* Liver		Eosinophilic Focus	
		Fatty Change	Mild
		Hepatocellular Adenoma	Multiple
	[Eosinophilic Focus TGLs = 3-12]		
	[Hepatocellular Adenoma TGLs = 1,2-10+11]		
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands, Respirat Epith	Hyperplasia	Minimal
		Inflammation	Minimal
* Thymus		Atrophy	Marked
Tooth		Malformation	Moderate

PRIMARY CAUSE OF DEATH - Brain Granular Cell Tumor Benign

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 15

TMT: 1

SEX: Male

DAY ON TEST: 732

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900015

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Harderian Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Fatty Change	Minimal
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLs = 1,2,4-10+11+13]		
	[Hepatocellular Carcinoma TGLs = 3-12]		
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands, Respirat Epith	Hyperplasia	Minimal
		Inflammation	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Atrophy	Marked
Tooth		Malformation	Moderate

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 16

TMT: 1
 DOSE: 0 mg/kg

SEX: Male
 DISP: Terminal Sacrifice

DAY ON TEST: 732
 HISTO: 0900016

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Seminal Vesicle	* Skin
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Fatty Change	Mild
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	Bile Duct	Hyperplasia	Moderate
	[Hepatocellular Adenoma TGLs = 1,2,5-10+11+12]		
	[Hepatocellular Carcinoma TGLs = 3,4-11]		
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands, Respirat Epith	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach		Ulcer	Mild
	[Ulcer TGLs = 6-13]		
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 17

TMT: 1
 DOSE: 0 mg/kg

SEX: Male
 DISP: Terminal Sacrifice

DAY ON TEST: 731
 HISTO: 0900017

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Fatty Change	Mild
		Hepatocellular Adenoma	
	[Eosinophilic Focus TGLs = 1,2-10+11]		
	[Hepatocellular Adenoma TGLs = 3-12]		
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands, Respirat Epith	Hyperplasia	Minimal
		Inflammation	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
Tooth		Malformation	Marked

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 18

TMT: 1
 DOSE: 0 mg/kg

SEX: Male
 DISP: Terminal Sacrifice

DAY ON TEST: 732
 HISTO: 0900018

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Gallbladder | * Harderian Gland | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Pancreas | * Parathyroid Gland |
| * Pituitary Gland | * Preputial Gland | * Prostate | * Salivary Glands |
| * Seminal Vesicle | * Skin | * Spleen | * Stomach, Forestomach |
| * Stomach, Glandular | * Testes | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | | |
|-----------|--|--|---------|
| * Kidney | [Nephropathy TGLs = 4-4] | Nephropathy | Marked |
| * Liver | [Hepatocellular Adenoma TGLs = 2-11]
[Hepatocellular Carcinoma TGLs = 1-10] | Fatty Change
Hepatocellular Adenoma
Hepatocellular Carcinoma | Minimal |
| Mesentery | Fat | Necrosis | Mild |
| | [Necrosis TGLs = 3-12] | | |
| * Nose | | Inflammation | Minimal |
| * Thymus | | Atrophy | Marked |

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 19

TMT: 1
DOSE: 0 mg/kg

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST: 717
HISTO: 0900019

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Lymph Node, Mesenteric * Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
	[Eosinophilic Focus TGLs = 5-13]		
	[Hepatocellular Carcinoma TGLs = 1-10]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	[Hepatocellular Carcinoma TGLs = 3,4-11+12]		
Mesentery	Fat	Necrosis	Mild
	[Necrosis TGLs = 2-11]		
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Atrophy	Marked
Tooth		Malformation	Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 20

TMT: 1
 DOSE: 0 mg/kg

SEX: Male
 DISP: Terminal Sacrifice

DAY ON TEST: 731
 HISTO: 0900020

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Harderian Gland	Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic	Hyperplasia	Minimal
* Kidney	Nephropathy	Mild
* Liver	Fatty Change	Mild
	Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLs = 3-10]		
* Preputial Gland	Cyst	Mild
[Cyst TGLs = 1-8]		
* Testes	Inflammation	Chronic, Mild
	Mineralization	Mild
[Inflammation TGLs = 2-7]		
* Thymus	Atrophy	Moderate
Tooth	Malformation	Mild

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 21

TMT: 1
DOSE: 0 mg/kg

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 731
HISTO: 0900021

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Eye			
Note: Both optic nerves were missing			
* Harderian Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Fatty Change	Mild
		Hepatoblastoma	
[Hepatoblastoma TGLs = 1-10]			
* Thymus		Atrophy	Moderate
Tooth		Malformation	Mild

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 22

TMT: 1
 DOSE: 0 mg/kg

SEX: Male
 DISP: Terminal Sacrifice

DAY ON TEST: 731
 HISTO: 0900022

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Fatty Change	Minimal
	[Eosinophilic Focus TGLs = 2,3-11+12]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLs = 1-10]		
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands, Respirat Epith	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Atrophy	Mild
Tooth		Malformation	Moderate

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 23

TMT: 1
 DOSE: 0 mg/kg

SEX: Male
 DISP: Moribund Sacrifice

DAY ON TEST: 626
 HISTO: 0900023

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Brain | * Epididymis | * Esophagus | * Eye |
| * Gallbladder | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Pancreas |
| * Parathyroid Gland | * Pituitary Gland | * Preputial Gland | * Prostate |
| * Seminal Vesicle | * Skin | * Stomach, Forestomach | * Stomach, Glandular |
| * Testes | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | | |
|----------------------|---|-----------------------|-------------------------|
| * Bone Marrow | | Hemangiosarcoma | |
| * Harderian Gland | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Islets, Pancreatic | | Hyperplasia | Mild |
| * Kidney | | Infiltration Cellular | Mononuclear CI, Mild |
| | | Nephropathy | Minimal |
| * Liver | | Hemangiosarcoma | Multiple |
| | [Hemangiosarcoma TGLs = 3,4,5-10+12+13] | | |
| * Nose | | Degeneration | Minimal |
| | Olfactory Epi | Hyperplasia | Minimal |
| | Glands, Respirat Epith | Infiltration Cellular | Mononuclear CI, Mild |
| * Salivary Glands | | Hemangiosarcoma | |
| * Spleen | | | |
| | [Hemangiosarcoma TGLs = 1,2-10+11] | | |
| Tooth | | Malformation | Mild |

PRIMARY CAUSE OF DEATH - Spleen Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 24

TMT: 1
DOSE: 0 mg/kg

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST: 469
HISTO: 0900024

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Minimal
* Liver			
Note: No corresponding microscopic lesion found for grossly observed (TGL2) dark 3 x 2 mm focus			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Skin	Subcut Tiss	Fibrosarcoma	
Note: The fibrosarcoma of skin was described grossly (TGL1) as a mammary gland mass [Fibrosarcoma TGLs = 1-10]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Fibrosarcoma

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 25

TMT: 1

SEX: Male

DAY ON TEST: 680

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0900025

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Islets, Pancreatic	Hyperplasia	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Eosinophilic Focus	
* Lung	Alveolar/Bronchiolar Carcinoma	Multiple
[Alveolar/Bronchiolar Carcinoma TGLs = 1,3-10]		
* Preputial Gland	Cyst	Mild
* Salivary Glands	Adenoma	
[Adenoma TGLs = 2-2]		
* Stomach, Forestomach	Squamous Cell Papilloma	
[Squamous Cell Papilloma TGLs = 4-11]		
* Thymus	Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Carcinoma

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 26

TMT: 1

SEX: Male

DAY ON TEST: 732

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900026

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Heart	Artery	Inflammation	Chronic, Mild
* Intestine Small, Duodenum		Polyp Adenomatous	
	[Polyp Adenomatous TGLs = 2-10]		
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Fatty Change	Minimal
	[Hepatocellular Adenoma TGLs = 1-10]	Hepatocellular Adenoma	
* Nose		Inflammation	Mild
* Preputial Gland		Cyst	Mild
* Salivary Glands		Infiltration Cellular	Mononuclear Cl, Minimal
* Thymus		Atrophy	Marked
* Thyroid Gland	Follicular Cel	Adenoma	
Tooth		Malformation	Moderate

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 27

TMT: 1
 DOSE: 0 mg/kg

SEX: Male
 DISP: Terminal Sacrifice

DAY ON TEST: 732
 HISTO: 0900027

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Fatty Change	Mild
		Hepatocellular Adenoma	Multiple
	[Eosinophilic Focus TGLs = 3-10]		
	[Hepatocellular Adenoma TGLs = 1,2,4-10+11]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands, Respirat Epith	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Squamous Cell Papilloma	
	[Hyperplasia TGLs = 5-12]		
	[Squamous Cell Papilloma TGLs = 5-12]		
* Thymus		Atrophy	Moderate
Tooth		Malformation	Mild

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 28

TMT: 1
DOSE: 0 mg/kg

SEX: Male
DISP: Natural Death

DAY ON TEST: 525
HISTO: 0900028

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Harderian Gland | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Kidney | * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Nose |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Prostate |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Testes | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

MISSING

- * Mammary Gland

OBSERVATIONS

- * Adren Cortex
 Note: Only one adrenal cortex was found for processing; other one obliterated by mesenteric nodules (TGL 1)
- * Adren Medulla
 Note: Only one adrenal medulla found for processing; other was engulfed by mesenteric nodules (TGL 1)
- * Gallbladder
 Histiocytic Sarcoma
- * Heart
 Histiocytic Sarcoma
 [Histiocytic Sarcoma TGLs = 5-3]
- * Islets, Pancreatic
 Hyperplasia Minimal
- * Liver
 Histiocytic Sarcoma
 [Histiocytic Sarcoma TGLs = 2-11]
- * Lung
 Histiocytic Sarcoma
 [Histiocytic Sarcoma TGLs = 4-13]
- Mesentery
 Histiocytic Sarcoma
 Note: Gross finding TGL 1 was not in the adrenal gland (based on microscopic exam). It was a mesenteric neoplasm.
 [Histiocytic Sarcoma TGLs = 1,3-10+12]
- * Preputial Gland
 Cyst Mild
- * Thymus
 Atrophy Marked

PRIMARY CAUSE OF DEATH - Heart Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 29

TMT: 1
 DOSE: 0 mg/kg

SEX: Male
 DISP: Natural Death

DAY ON TEST: 728
 HISTO: 0900029

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Gallbladder | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Islets, Pancreatic | * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Nose |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Preputial Gland |
| * Prostate | * Seminal Vesicle | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Testes | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | | |
|------------------------------------|----------------|----------------------------------|-------------------------|
| * Harderian Gland | | Adenoma | |
| [Adenoma TGLs = 5-9] | | | |
| * Intestine Small, Jejunum | | Polyp Adenomatous | |
| [Polyp Adenomatous TGLs = 4-12] | | | |
| * Kidney | Renal Tubule | Nephropathy | Minimal |
| | | Pigmentation | Mild |
| * Liver | | Eosinophilic Focus | |
| | | Hemangiosarcoma | |
| | | Necrosis | Mild |
| [Eosinophilic Focus TGLs = 1-10] | | | |
| [Hemangiosarcoma TGLs = 2-11] | | | |
| [Necrosis TGLs = 3-11] | | | |
| * Lung | Alveolar Epith | Hyperplasia | Moderate |
| * Salivary Glands | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Spleen | | Hematopoietic Cell Proliferation | Moderate |
| * Thymus | | Atrophy | Marked |
| Tooth | | Malformation | Minimal |

PRIMARY CAUSE OF DEATH - Liver Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 30

TMT: 1
 DOSE: 0 mg/kg

SEX: Male
 DISP: Moribund Sacrifice

DAY ON TEST: 619
 HISTO: 0900030

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Heart	Histiocytic Sarcoma	
* Islets, Pancreatic	Hyperplasia	Mild
* Liver	Fatty Change	Mild
	Hepatocellular Carcinoma	
	Histiocytic Sarcoma	
	Tension Lipidosis	Minimal
[Hepatocellular Carcinoma TGLs = 1-10]		
* Lung	Histiocytic Sarcoma	
Note: Based on histology, TGL 5 is located in the lung		
[Histiocytic Sarcoma TGLs = 3,4,5-11+12]		
* Spleen	Hematopoietic Cell Proliferation	Mild
* Thymus	Atrophy	Marked

PRIMARY CAUSE OF DEATH - Lung Histiocytic Sarcoma
 CONTRIBUTORY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 31

TMT: 1
 DOSE: 0 mg/kg

SEX: Male
 DISP: Natural Death

DAY ON TEST: 629
 HISTO: 0900031

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	

MISSING

* Mammary Gland

OBSERVATIONS

* Harderian Gland		Hyperplasia	Minimal
* Heart		Inflammation	Chronic, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Pelvis	Inflammation	Suppurative, Moderate
	[Inflammation TGLs = 1,2-10+11]		
* Liver		Inflammation	Suppurative, Moderate
		Tension Lipidosis	Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Preputial Gland		Cyst	Mild
		Inflammation	Suppurative, Mild
* Spleen		Necrosis	Moderate
* Thymus		Atrophy	Marked
* Urinary Bladder		Inflammation	Chronic, Moderate

PRIMARY CAUSE OF DEATH - Kidney Pelvis Inflammation

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 32

TMT: 1
 DOSE: 0 mg/kg

SEX: Male
 DISP: Terminal Sacrifice

DAY ON TEST: 730
 HISTO: 0900032

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Harderian Gland		Adenoma	
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLs = 1,2,3-10+11]			
* Lung		Alveolar/Bronchiolar Adenoma	
	Alveolar Epith	Hyperplasia	Minimal
[Alveolar/Bronchiolar Adenoma TGLs = 9-16]			
Lymph Node	Inguinal	Lymphoma Malignant	
	Lumbar	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
[Lymphoma Malignant TGLs = 8-16]			
[Lymphoma Malignant TGLs = 6-14]			
[Lymphoma Malignant TGLs = 5-13]			
[Lymphoma Malignant TGLs = 4-12]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLs = 7-15]			

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 32

TMT: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900032

ORGAN AND ACCOUNTABLE SITE STATUS

* Nose	Inflammation	Minimal
* Prostate	Hyperplasia	Mild
	Inflammation	Chronic, Mild
* Salivary Glands	Infiltration Cellular	Mononuclear CI, Minimal
* Thymus	Atrophy	Moderate
Tooth	Malformation	Moderate

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 33

TMT: 1

SEX: Male

DAY ON TEST: 589

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0900033

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Harderian Gland | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Lung | * Lymph Node, Mandibular | * Mammary Gland |
| * Nose | * Parathyroid Gland | * Pituitary Gland | * Salivary Glands |
| * Seminal Vesicle | * Skin | * Testes | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

MISSING

- * Lymph Node, Mesenteric

OBSERVATIONS

- | | | | |
|------------------------|---|----------------------------------|-----------------------------------|
| * Gallbladder | | Squamous Cell Carcinoma | Metastatic (Stomach, Forestomach) |
| * Islets, Pancreatic | | Hyperplasia | Mild |
| * Kidney | | Mineralization | Mild |
| * Liver | | Necrosis | Marked |
| Mesentery | | Squamous Cell Carcinoma | Metastatic (Stomach, Forestomach) |
| | [Squamous Cell Carcinoma TGLs = 2-10] | Squamous Cell Carcinoma | Metastatic (Stomach, Forestomach) |
| * Pancreas | | Squamous Cell Carcinoma | Metastatic (Stomach, Forestomach) |
| * Preputial Gland | | Cyst | Mild |
| | [Cyst TGLs = 1-8] | | |
| * Prostate | | Squamous Cell Carcinoma | Metastatic (Stomach, Forestomach) |
| * Spleen | | Hematopoietic Cell Proliferation | Moderate |
| * Stomach, Forestomach | | Squamous Cell Carcinoma | |
| | [Squamous Cell Carcinoma TGLs = 3-11] | | |
| * Stomach, Glandular | | Mineralization | Mild |
| * Thymus | | Atrophy | Moderate |
| | | Squamous Cell Carcinoma | Metastatic (Stomach, Forestomach) |

PRIMARY CAUSE OF DEATH - Stomach, Forestomach Squamous Cell Carcinoma

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 34

TMT: 1
DOSE: 0 mg/kg

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 732
HISTO: 0900034

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Medulla	Hyperplasia	Minimal
* Islets, Pancreatic	Hyperplasia	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Clear Cell Focus	
	Fatty Change	Mild
	Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLs = 1-10]		
* Salivary Glands	Infiltration Cellular	Mononuclear CI, Minimal
* Thymus	Atrophy	Minimal
	Thymoma Benign	

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 35

TMT: 1
 DOSE: 0 mg/kg

SEX: Male
 DISP: Terminal Sacrifice

DAY ON TEST: 731
 HISTO: 0900035

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Metaplasia	Osseous, Minimal
		Nephropathy	Minimal
* Liver	[Hepatocellular Adenoma TGLs = 1,2-10+11]	Hepatocellular Adenoma	Multiple
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands, Respirat Epith	Hyperplasia	Minimal
* Thymus		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 36

TMT: 1

SEX: Male

DAY ON TEST: 610

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0900036

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Marked
[Nephropathy TGLs = 3-4]		
* Liver	Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLs = 2-11]		
* Nose	Inflammation	Minimal
* Pituitary Gland	Cyst	Minimal
* Preputial Gland	Inflammation	Suppurative, Mild
* Skin	Ulcer	Moderate
[Ulcer TGLs = 1-10]		
* Spleen	Hematopoietic Cell Proliferation	Moderate
* Thymus	Atrophy	Marked
Tooth	Malformation	Minimal

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 37

TMT: 1

SEX: Male

DAY ON TEST: 354

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0900037

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Liver	Fatty Change	Mild
* Prostate	Hyperplasia	Mild
* Spleen		

Note: No microscopic finding corresponded with gross observation of small spleen

PRIMARY CAUSE OF DEATH

- UNCERTAIN

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 38

TMT: 1
 DOSE: 0 mg/kg

SEX: Male
 DISP: Terminal Sacrifice

DAY ON TEST: 730
 HISTO: 0900038

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Skin	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Medulla	Hyperplasia	Minimal
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Nephropathy	Mild
* Liver	Eosinophilic Focus	
	Fatty Change	Minimal
	Hemangiosarcoma	
	Hepatoblastoma	
	Hepatocellular Adenoma	
	Hepatocellular Carcinoma	
	[Hemangiosarcoma TGLs = 4-12]	
	[Hepatoblastoma TGLs = 2-11]	
	[Hepatocellular Adenoma TGLs = 3-12]	
	[Hepatocellular Carcinoma TGLs = 1-10]	
* Preputial Gland	Cyst	Moderate
* Salivary Glands	Hemangiosarcoma	
	Infiltration Cellular	Mononuclear CI, Minimal
	[Hemangiosarcoma TGLs = 5-2]	
* Spleen	Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Ulcer	Moderate

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 38

TMT: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900038

ORGAN AND ACCOUNTABLE SITE STATUS

[Ulcer TGLs = 6-13]

* Thymus
Tooth

Atrophy
Malformation

Moderate
Minimal

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 39

TMT: 1
DOSE: 0 mg/kg

SEX: Male
DISP: Natural Death

DAY ON TEST: 483
HISTO: 0900039

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Liver	Fatty Change	Mild
[Hepatocellular Carcinoma TGLs = 2,3,4-10+11]	Hepatocellular Carcinoma	Multiple
* Lung	Hepatocellular Carcinoma	Metastatic (Liver)
* Preputial Gland	Cyst	Mild
[Cyst TGLs = 1-8]		
* Spleen	Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 40

TMT: 1
DOSE: 0 mg/kg

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 732
HISTO: 0900040

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Islets, Pancreatic	Hyperplasia	Minimal
* Liver	Fatty Change	Mild
	Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLs = 1-10]		
* Lung	Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLs = 2-11]		
* Thymus	Atrophy	Mild

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 41

TMT: 1
 DOSE: 0 mg/kg

SEX: Male
 DISP: Natural Death

DAY ON TEST: 519
 HISTO: 0900041

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Esophagus | * Eye |
| * Gallbladder | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Parathyroid Gland | * Pituitary Gland |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Testes | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | | |
|---|--|----------------------------------|-------------------------|
| * Epididymis | | Hepatocellular Carcinoma | Metastatic (Liver) |
| Note: The grossly described testicular capsule thickening (TGL 4) corresponded microscopically with metastatic hepatocellular carcinoma in the epididymal capsule | | | |
| | [Hepatocellular Carcinoma TGLs = 4-7] | | |
| * Harderian Gland | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Islets, Pancreatic | | Hyperplasia | Mild |
| * Kidney | Pelvis | Inflammation | Suppurative, Minimal |
| * Liver | | Hepatocellular Carcinoma | |
| | [Hepatocellular Carcinoma TGLs = 2-10] | | |
| * Lung | | Hepatocellular Carcinoma | Metastatic (Liver) |
| | [Hepatocellular Carcinoma TGLs = 5-12] | | |
| Mesentery | | Hepatocellular Carcinoma | Metastatic (Liver) |
| | [Hepatocellular Carcinoma TGLs = 3-11] | | |
| * Nose | | Inflammation | Minimal |
| * Pancreas | | Hepatocellular Carcinoma | Metastatic (Liver) |
| * Preputial Gland | | Cyst | Mild |
| | [Cyst TGLs = 1-8] | | |
| * Prostate | | Inflammation | Chronic, Mild |
| * Spleen | | Hematopoietic Cell Proliferation | Minimal |
| * Thymus | | Atrophy | Marked |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 41

TMT: 1

SEX: Male

DAY ON TEST: 519

DOSE: 0 mg/kg

DISP: Natural Death

HISTO: 0900041

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth

Malformation

Mild

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 42

TMT: 1
DOSE: 0 mg/kg

SEX: Male
DISP: Natural Death

DAY ON TEST: 465
HISTO: 0900042

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Mineralization	Mild
	Papilla	Necrosis	Mild
* Liver		Fatty Change	Mild
		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLs = 1-10]		
* Nose		Inflammation	Minimal
* Thymus		Atrophy	Moderate
Tooth		Malformation	Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 43

TMT: 1
DOSE: 0 mg/kg

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 731
HISTO: 0900043

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Nephropathy	Minimal
* Liver	Clear Cell Focus	
	Eosinophilic Focus	
	Fatty Change	Mild
	Hepatocellular Adenoma	
[Eosinophilic Focus TGLs = 3,4-10+11]		
[Hepatocellular Adenoma TGLs = 2-10]		
* Preputial Gland	Cyst	Mild
[Cyst TGLs = 1-8]		
* Salivary Glands	Infiltration Cellular	Mononuclear CI, Minimal
* Thymus	Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 44

TMT: 1
DOSE: 0 mg/kg

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 731
HISTO: 0900044

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Renal Tubule	Cyst	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
	[Hepatocellular Adenoma TGLs = 2,3-10+11]	Hepatocellular Adenoma	Multiple
* Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLs = 4-12]		
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands, Respirat Epith	Hyperplasia	Minimal
* Seminal Vesicle		Inflammation	Chronic, Minimal
	[Inflammation TGLs = 1-7]		
* Thymus		Atrophy	Moderate
Tooth		Malformation	Moderate

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 45

TMT: 1

SEX: Male

DAY ON TEST: 731

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900045

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Kidney	Mineralization	Mild
	Nephropathy	Moderate
[Nephropathy TGLs = 3-4]		
* Liver	Eosinophilic Focus	
	Hepatoblastoma	
	Hepatocellular Adenoma	Multiple
	Tension Lipidosis	Minimal
[Eosinophilic Focus TGLs = 6-12]		
[Hepatoblastoma TGLs = 2-11]		
[Hepatocellular Adenoma TGLs = 1,5-10]		
* Lung	Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLs = 4-12]		
* Nose	Inflammation	Minimal
* Salivary Glands	Infiltration Cellular	Mononuclear CI, Minimal
* Spleen	Atrophy	Moderate
Tooth	Malformation	Marked

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 46

TMT: 1
 DOSE: 0 mg/kg

SEX: Male
 DISP: Terminal Sacrifice

DAY ON TEST: 730
 HISTO: 0900046

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Gallbladder | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Pancreas | * Parathyroid Gland |
| * Pituitary Gland | * Preputial Gland | * Prostate | * Seminal Vesicle |
| * Skin | * Stomach, Forestomach | * Stomach, Glandular | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | | |
|--|--|------------------------------|-------------------------|
| * Harderian Gland | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Heart | | Cardiomyopathy | Minimal |
| * Islets, Pancreatic | | Adenoma | |
| Note: The islet cell adenoma was described grossly as a mass of the pancreas (TGL 1).
[Adenoma TGLs = 1-10] | | | |
| * Kidney | | Nephropathy | Minimal |
| * Liver | | Eosinophilic Focus | |
| | | Hemangiosarcoma | |
| | | Hepatocellular Adenoma | Multiple |
| | | Hepatocellular Carcinoma | |
| [Eosinophilic Focus TGLs = 7-16] | | | |
| [Hemangiosarcoma TGLs = 6-15] | | | |
| [Hepatocellular Adenoma TGLs = 3,4-12+13] | | | |
| [Hepatocellular Carcinoma TGLs = 5-14] | | | |
| * Lung | | Alveolar/Bronchiolar Adenoma | |
| | [Alveolar/Bronchiolar Adenoma TGLs = 8-16] | | |
| Mesentery | Fat | Necrosis | Mild |
| | [Necrosis TGLs = 2-11] | | |
| * Nose | Olfactory Epi | Degeneration | Minimal |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 46

TMT: 1

SEX: Male

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900046

ORGAN AND ACCOUNTABLE SITE STATUS

	Glands, Respirat Epith	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Testes		Inflammation	Granulomatous, Mild
* Thymus		Atrophy	Marked
Tooth		Malformation	Minimal

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 47

TMT: 1
 DOSE: 0 mg/kg

SEX: Male
 DISP: Terminal Sacrifice

DAY ON TEST: 732
 HISTO: 0900047

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Heart	Cardiomyopathy	Minimal
* Islets, Pancreatic	Hyperplasia	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Eosinophilic Focus	
	Fatty Change	Mild
	Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLs = 1-10]		
* Salivary Glands	Infiltration Cellular	Mononuclear CI, Minimal
* Thymus	Atrophy	Moderate
Tooth	Malformation	Moderate

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 48

TMT: 1
 DOSE: 0 mg/kg

SEX: Male
 DISP: Moribund Sacrifice

DAY ON TEST: 723
 HISTO: 0900048

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adren Cortex			
Note: One adrenal cortex was missing			
* Adren Medulla			
Note: One adrenal medulla was missing			
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
[Eosinophilic Focus TGLs = 5-12]			
[Hepatocellular Adenoma TGLs = 3-11]			
Lymph Node	Renal	Lymphoma Malignant	
[Lymphoma Malignant TGLs = 4-12]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLs = 2-11]			
* Nose		Inflammation	Minimal
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLs = 1-10]			

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 48

TMT: 1

SEX: Male

DAY ON TEST: 723

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0900048

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach

Ulcer

Mild

* Thymus

Atrophy

Marked

PRIMARY CAUSE OF DEATH

- Spleen Lymphoma Malignant

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 49

TMT: 1
 DOSE: 0 mg/kg

SEX: Male
 DISP: Moribund Sacrifice

DAY ON TEST: 662
 HISTO: 0900049

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Intestine Small, Jejunum		Inflammation	Suppurative, Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Carcinoma	Multiple
		Necrosis	Mild
	[Hepatocellular Carcinoma TGLs = 1,3-10+12]		
	[Necrosis TGLs = 2-10+11]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands, Respirat Epith	Hyperplasia	Minimal
		Inflammation	Minimal
* Preputial Gland		Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Moderate
Tooth		Malformation	Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 50

TMT: 1
 DOSE: 0 mg/kg

SEX: Male
 DISP: Moribund Sacrifice

DAY ON TEST: 697
 HISTO: 0900050

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Harderian Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
	[Nephropathy TGLs = 1-4]		
* Liver		Fatty Change	Minimal
		Hepatocellular Adenoma	
		Mixed Cell Focus	
	[Hepatocellular Adenoma TGLs = 3-11]		
	[Mixed Cell Focus TGLs = 2-10]		
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Spleen		Atrophy	Moderate
* Stomach, Forestomach		Ulcer	Moderate
	[Ulcer TGLs = 4-5+10]		
* Stomach, Glandular		Ulcer	Mild
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Kidney Nephropathy
 CONTRIBUTORY CAUSE OF DEATH - Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 51

TMT: 3

SEX: Male

DAY ON TEST: 732

DOSE: 62.5 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900051

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Seminal Vesicle
* Skin	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

OBSERVATIONS

* Harderian Gland	Infiltration Cellular	Mononuclear CI, Minimal
* Heart	Cardiomyopathy	Mild
* Islets, Pancreatic	Hyperplasia	Minimal
* Kidney	Mineralization	Minimal
	Nephropathy	Moderate
* Liver	Clear Cell Focus	
	Eosinophilic Focus	
	Hepatoblastoma	
	Hepatocellular Carcinoma	
[Eosinophilic Focus TGLs = 3,4-11+12]		
[Hepatoblastoma TGLs = 2-11]		
[Hepatocellular Carcinoma TGLs = 1-10]		
* Lung	Alveolar/Bronchiolar Adenoma	
	Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Adenoma TGLs = 6-14]		
[Alveolar/Bronchiolar Carcinoma TGLs = 5-13]		
* Salivary Glands	Infiltration Cellular	Mononuclear CI, Minimal
* Spleen	Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach	Squamous Cell Papilloma	Multiple

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 51

TMT: 3

SEX: Male

DAY ON TEST: 732

DOSE: 62.5 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900051

ORGAN AND ACCOUNTABLE SITE STATUS

[Squamous Cell Papilloma TGLs = 7-15]

* Thymus

Atrophy

Marked

Tooth

Malformation

Mild

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 52

TMT: 3
DOSE: 62.5 mg/kg

SEX: Male
DISP: Natural Death

DAY ON TEST: 582
HISTO: 0900052

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Gallbladder | * Harderian Gland | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Lung | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Preputial Gland | * Prostate | * Salivary Glands | * Seminal Vesicle |
| * Skin | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Testes | * Thyroid Gland | * Trachea | * Urinary Bladder |

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | |
|----------------------|---|------------------|
| * Islets, Pancreatic | Hyperplasia | Mild |
| * Kidney | Inflammation | Acute, Moderate |
| | Metaplasia | Osseous, Minimal |
| | Mineralization | Minimal |
| | Nephropathy | Minimal |
| * Liver | Clear Cell Focus | |
| | Eosinophilic Focus | |
| | Fatty Change | Mild |
| | Hepatocellular Adenoma | Multiple |
| | [Clear Cell Focus TGLs = 2,4-11+13] | |
| | [Hepatocellular Adenoma TGLs = 1,3-10+12] | |
| * Nose | Inflammation | Minimal |
| * Thymus | Atrophy | Minimal |
| Tooth | Malformation | Marked |

PRIMARY CAUSE OF DEATH - Kidney Inflammation

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 53

TMT: 3

SEX: Male

DAY ON TEST: 673

DOSE: 62.5 mg/kg

DISP: Moribund Sacrifice

HISTO: 0900053

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Harderian Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Fatty Change	Mild
		Hepatocellular Adenoma	Multiple
		Hepatocholangiocarcinoma	
	[Hepatocellular Adenoma TGLs = 4,5-13+14]		
	[Hepatocholangiocarcinoma TGLs = 3-12]		
Lymph Node	Pancreatic	Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 2,7-11+14]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 6-5]		
* Spleen		Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 1-10]		
* Thymus		Atrophy	Mild
Tooth		Malformation	Minimal

PRIMARY CAUSE OF DEATH - Lymph Node Pancreatic Lymphoma Malignant

CONTRIBUTORY CAUSE OF DEATH - Liver Hepatocholangiocarcinoma

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 54

TMT: 3
 DOSE: 62.5 mg/kg

SEX: Male
 DISP: Terminal Sacrifice

DAY ON TEST: 731
 HISTO: 0900054

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Mineralization	Minimal
	Nephropathy	Mild
* Liver	Eosinophilic Focus	
	Fatty Change	Minimal
	Hepatocellular Adenoma	Multiple
	Hepatocellular Carcinoma	
	Mixed Cell Focus	
	[Hepatocellular Adenoma TGLs = 2,3,4-11+12+13]	
	[Hepatocellular Carcinoma TGLs = 1-10]	
* Prostate	Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands	Infiltration Cellular	Mononuclear CI, Minimal
* Spleen	Hematopoietic Cell Proliferation	Mild
* Thymus	Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 55

TMT: 3

SEX: Male

DAY ON TEST: 682

DOSE: 62.5 mg/kg

DISP: Moribund Sacrifice

HISTO: 0900055

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Adren Cortex			
Note: One adrenal cortex was missing			
* Adren Medulla			
Note: One adrenal medulla was missing			
* Harderian Gland		Infiltration Cellular	Mononuclear Cl, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Glomerulosclerosis	Moderate
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Fibrous Histiocytoma	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[Eosinophilic Focus TGLs = 3-11]		
	[Hepatocellular Adenoma TGLs = 2-11]		
	[Hepatocellular Carcinoma TGLs = 1-10]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Mesentery		Fibrous Histiocytoma	
	[Fibrous Histiocytoma TGLs = 4-12]		

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 55

TMT: 3

SEX: Male

DAY ON TEST: 682

DOSE: 62.5 mg/kg

DISP: Moribund Sacrifice

HISTO: 0900055

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen

Hematopoietic Cell Proliferation

Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH - Mesentery Fibrous Histiocytoma

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 56

TMT: 3
 DOSE: 62.5 mg/kg

SEX: Male
 DISP: Terminal Sacrifice

DAY ON TEST: 731
 HISTO: 0900056

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Harderian Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Mild
[Hyperplasia TGLs = 7-15]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Fatty Change	Minimal
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
Note: No corresponding microscopic finding for TGL 6 (2 x 2 x 1 mm nodule of right posterior lobe)			
		[Eosinophilic Focus TGLs = 5-13]	
		[Hepatocellular Adenoma TGLs = 2,3-10+11]	
		[Hepatocellular Carcinoma TGLs = 4-12]	
* Nose		Inflammation	Minimal
* Preputial Gland		Cyst	Mild
[Cyst TGLs = 1-8]			
* Thymus		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 57

TMT: 3
 DOSE: 62.5 mg/kg

SEX: Male
 DISP: Terminal Sacrifice

DAY ON TEST: 730
 HISTO: 0900057

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Fatty Change	Minimal
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands, Respirat Epith	Hyperplasia	Minimal
* Pancreas		Hemangioma	
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Epithelium	Hyperplasia	Minimal
	Epithelium	Necrosis	Minimal
Tooth		Malformation	Moderate

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 58

TMT: 3
DOSE: 62.5 mg/kg

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST: 694
HISTO: 0900058

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Gallbladder | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lymph Node, Mandibular | * Pancreas | * Parathyroid Gland |
| * Pituitary Gland | * Preputial Gland | * Prostate | * Salivary Glands |
| * Seminal Vesicle | * Skin | * Stomach, Glandular | * Testes |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | | |
|--------------------------|--|----------------------------------|-------------------------|
| * Harderian Gland | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Heart | | Hemangiosarcoma | |
| * Kidney | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| * Liver | | Hemangiosarcoma | |
| | [Hemangiosarcoma TGLs = 1,2,3,4,5-10+11+12+13] | | |
| * Lung | | Alveolar/Bronchiolar Carcinoma | |
| | [Alveolar/Bronchiolar Carcinoma TGLs = 6-14] | | |
| * Lymph Node, Mesenteric | | Hemangiosarcoma | |
| * Nose | Olfactory Epi | Degeneration | Minimal |
| * Spleen | | Hematopoietic Cell Proliferation | Moderate |
| * Stomach, Forestomach | | Ulcer | Moderate |
| * Thymus | | Atrophy | Moderate |

PRIMARY CAUSE OF DEATH - Liver Hemangiosarcoma
 CONTRIBUTORY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 59

TMT: 3
 DOSE: 62.5 mg/kg

SEX: Male
 DISP: Natural Death

DAY ON TEST: 573
 HISTO: 0900059

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Gallbladder | * Harderian Gland | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Lung | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Preputial Gland | * Prostate | * Seminal Vesicle | * Skin |
| * Stomach, Forestomach | * Stomach, Glandular | * Testes | * Thyroid Gland |
| * Trachea | | | |

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | | |
|----------------------|--|----------------------------------|-------------------------|
| * Islets, Pancreatic | | Hyperplasia | Mild |
| * Kidney | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| * Liver | | Eosinophilic Focus | |
| | | Fatty Change | Mild |
| | | Hepatocellular Adenoma | |
| | [Fatty Change TGLs = 2-3+4+5+11] | | |
| | [Hepatocellular Adenoma TGLs = 1-10] | | |
| * Nose | Olfactory Epi | Degeneration | Minimal |
| | Glands, Respirat Epith | Hyperplasia | Minimal |
| * Salivary Glands | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Spleen | | Hematopoietic Cell Proliferation | Minimal |
| * Thymus | | Atrophy | Mild |
| Tooth | | Malformation | Mild |
| Urethra | | Inflammation | Acute, Moderate |
| * Urinary Bladder | | Hemorrhage | Mild |

PRIMARY CAUSE OF DEATH - Urethra Inflammation

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 60

TMT: 3
 DOSE: 62.5 mg/kg

SEX: Male
 DISP: Terminal Sacrifice

DAY ON TEST: 732
 HISTO: 0900060

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Eye	Cornea	Inflammation	Chronic, Mild
* Harderian Gland	Bilateral	Adenoma	
	[Adenoma TGLs = 2-9]		
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLs = 4,5,6,7,8-10+11+12+13+14]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLs = 3-10]		
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands, Respirat Epith	Hyperplasia	Minimal
		Inflammation	Minimal
* Preputial Gland		Cyst	Minimal
	[Cyst TGLs = 1-8]		
* Prostate		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 60

TMT: 3

SEX: Male

DAY ON TEST: 732

DOSE: 62.5 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900060

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth

Malformation

Moderate

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 61

TMT: 3
 DOSE: 62.5 mg/kg

SEX: Male
 DISP: Moribund Sacrifice

DAY ON TEST: 631
 HISTO: 0900061

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Mixed Cell Focus	
		Tension Lipidosis	Minimal
	[Eosinophilic Focus TGLs = 2,4-11+12]		
	[Mixed Cell Focus TGLs = 1,3-10+12]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Nose	Olfactory Epi	Degeneration	Mild
	Glands, Respirat Epith	Hyperplasia	Minimal
		Inflammation	Mild
* Stomach, Forestomach		Ulcer	Mild
	[Ulcer TGLs = 5-13]		
* Thymus		Atrophy	Marked
		Ectopic Parathyroid Gland	Minimal
Tooth		Malformation	Marked
	[Malformation TGLs = 6-1]		

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 61

TMT: 3

SEX: Male

DAY ON TEST: 631

DOSE: 62.5 mg/kg

DISP: Moribund Sacrifice

HISTO: 0900061

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- UNCERTAIN

TDMS No. 20006 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol

CAS Number: 700-06-1

Date Report Requested: 03/25/2010

Time Report Requested: 12:07:47

First Dose M/F: 04/03/07 / 04/02/07

Lab: BAT

ANIMAL NUM: 62

TMT: 3

SEX: Male

DAY ON TEST: 732

DOSE: 62.5 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900062

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Esophagus | * Eye |
| * Gallbladder | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Pancreas | * Parathyroid Gland |
| * Pituitary Gland | * Preputial Gland | * Prostate | * Seminal Vesicle |
| * Skin | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Testes | * Thyroid Gland | * Trachea | * Urinary Bladder |

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | | |
|----------------------|--|--------------------------------|-------------------------|
| * Epididymis | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Harderian Gland | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Islets, Pancreatic | | Hyperplasia | Minimal |
| * Kidney | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| * Liver | | Clear Cell Focus | |
| | | Eosinophilic Focus | |
| | | Hepatoblastoma | |
| | | Hepatocellular Carcinoma | |
| | [Eosinophilic Focus TGLs = 2,7,8-11+15+16] | | |
| | [Hepatoblastoma TGLs = 1-10] | | |
| | [Hepatocellular Carcinoma TGLs = 3-12] | | |
| * Lung | | Alveolar/Bronchiolar Adenoma | |
| | | Alveolar/Bronchiolar Carcinoma | |
| | | Infiltration Cellular | Histiocyte, Moderate |
| | [Alveolar/Bronchiolar Adenoma TGLs = 5-14] | | |
| | [Alveolar/Bronchiolar Carcinoma TGLs = 4-13] | | |
| | [Infiltration Cellular TGLs = 6-14] | | |
| * Nose | Olfactory Epi | Degeneration | Minimal |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 62

TMT: 3

SEX: Male

DAY ON TEST: 732

DOSE: 62.5 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900062

ORGAN AND ACCOUNTABLE SITE STATUS

	Glands, Respirat Epith	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Atrophy	Moderate
Tooth		Malformation	Moderate

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 63

TMT: 3
 DOSE: 62.5 mg/kg

SEX: Male
 DISP: Moribund Sacrifice

DAY ON TEST: 701
 HISTO: 0900063

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Gallbladder | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Nose |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Preputial Gland |
| * Prostate | * Salivary Glands | * Spleen | * Stomach, Forestomach |
| * Stomach, Glandular | * Testes | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | | |
|----------------------|--|------------------------------|-------------------------|
| * Eye | Note: Both optic neves were missing | | |
| * Harderian Gland | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Islets, Pancreatic | | Hyperplasia | Mild |
| * Kidney | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| * Liver | | Eosinophilic Focus | |
| | | Fatty Change | Minimal |
| | | Hepatocellular Adenoma | |
| | | Hepatocellular Carcinoma | |
| | [Hepatocellular Adenoma TGLs = 3-12] | | |
| | [Hepatocellular Carcinoma TGLs = 2-11] | | |
| * Lung | | Alveolar/Bronchiolar Adenoma | |
| * Seminal Vesicle | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Skin | Subcut Tiss | Hemangiosarcoma | |
| | [Hemangiosarcoma TGLs = 1-10] | | |
| * Thymus | | Atrophy | Mild |
| Tooth | | Malformation | Moderate |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 63

TMT: 3

SEX: Male

DAY ON TEST: 701

DOSE: 62.5 mg/kg

DISP: Moribund Sacrifice

HISTO: 0900063

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Skin Subcut Tiss Hemangiosarcoma

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 64

TMT: 3

SEX: Male

DAY ON TEST: 730

DOSE: 62.5 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900064

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

OBSERVATIONS

* Adrenal Cortex	Hypertrophy	Mild
* Harderian Gland	Adenoma	
	Infiltration Cellular	Mononuclear CI, Minimal
[Adenoma TGLs = 2-9]		
* Kidney	Mineralization	Minimal
	Nephropathy	Minimal
* Liver	Eosinophilic Focus	
	Fatty Change	Mild
[Eosinophilic Focus TGLs = 1-10]		
* Salivary Glands	Infiltration Cellular	Mononuclear CI, Minimal
* Thymus	Atrophy	Marked
Tooth	Malformation	Minimal

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 65

TMT: 3
 DOSE: 62.5 mg/kg

SEX: Male
 DISP: Moribund Sacrifice

DAY ON TEST: 716
 HISTO: 0900065

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
	Hypertrophy	Mild
* Epididymis	Infiltration Cellular	Mononuclear CI, Minimal
* Harderian Gland	Adenoma	
	Infiltration Cellular	Mononuclear CI, Minimal
	[Adenoma TGLs = 6-9]	
* Heart	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
	[Alveolar/Bronchiolar Carcinoma TGLs = 7-14]	
* Islets, Pancreatic	Hyperplasia	Minimal
* Kidney	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
	Inflammation	Acute, Mild
	Mineralization	Mild
	Nephropathy	Minimal
* Liver	Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
	Eosinophilic Focus	
	Hepatocellular Adenoma	Multiple
	Hepatocellular Carcinoma	
	[Eosinophilic Focus TGLs = 2,5-11+14]	
	[Hepatocellular Adenoma TGLs = 1,3-10+12]	

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 65

TMT: 3

SEX: Male

DAY ON TEST: 716

DOSE: 62.5 mg/kg

DISP: Moribund Sacrifice

HISTO: 0900065

ORGAN AND ACCOUNTABLE SITE STATUS

[Hepatocellular Carcinoma TGLs = 4-13]

* Lung

Alveolar/Bronchiolar Carcinoma

[Alveolar/Bronchiolar Carcinoma TGLs = 8-15]

* Nose

Inflammation

Minimal

* Spleen

Hematopoietic Cell Proliferation

Minimal

* Stomach, Forestomach

Inflammation

Chronic, Minimal

Tooth

Malformation

Marked

PRIMARY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Carcinoma

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 66

TMT: 3
 DOSE: 62.5 mg/kg

SEX: Male
 DISP: Natural Death

DAY ON TEST: 630
 HISTO: 0900066

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Seminal Vesicle	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Hemangiosarcoma	
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Hemangiosarcoma	
		Hepatocellular Adenoma	Multiple
		Hepatocholangiocarcinoma	
	[Eosinophilic Focus TGLs = 5-13]		
	[Hepatocellular Adenoma TGLs = 2,3,4-11+12+13]		
	[Hepatocholangiocarcinoma TGLs = 1-10]		
* Nose		Inflammation	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Skin	Subcut Tiss	Hemangiosarcoma	
	[Hemangiosarcoma TGLs = 9-17]		
* Spleen		Hemangiosarcoma	
	[Hemangiosarcoma TGLs = 6,7,8-14+15+16]		
* Stomach, Glandular		Erosion	Mild
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Liver Hepatocholangiocarcinoma

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 66

TMT: 3

SEX: Male

DAY ON TEST: 630

DOSE: 62.5 mg/kg

DISP: Natural Death

HISTO: 0900066

ORGAN AND ACCOUNTABLE SITE STATUS

CONTRIBUTORY CAUSE OF DEATH - Spleen Hemangiosarcoma

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 67

TMT: 3

SEX: Male

DAY ON TEST: 692

DOSE: 62.5 mg/kg

DISP: Natural Death

HISTO: 0900067

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mesenteric	* Mammary Gland
--------------------------	-----------------

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Epididymis		Infiltration Cellular	Mononuclear CI, Mild
* Heart	Myocardium	Mineralization	Mild
* Intestine Large, Cecum		Ulcer	Moderate
[Ulcer TGLs = 7-13]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hemangiosarcoma	Multiple
		Hepatocellular Carcinoma	
		Necrosis	Moderate
[Hemangiosarcoma TGLs = 2,3,5-10+12]			
[Hepatocellular Carcinoma TGLs = 4-11]			
[Necrosis TGLs = 8,9-11+14]			
Lymph Node	Pancreatic	Lymphoma Malignant	
Note: TGL 6 was in the pancreatic lymph node, not the liver as had been described at necropsy			
[Lymphoma Malignant TGLs = 6-12]			
* Pituitary Gland	Pars Intermed	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 67

TMT: 3

SEX: Male

DAY ON TEST: 692

DOSE: 62.5 mg/kg

DISP: Natural Death

HISTO: 0900067

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Atrophy

Marked

PRIMARY CAUSE OF DEATH

- Liver Hemangiosarcoma

CONTRIBUTORY CAUSE OF DEATH

- Lymph Node Pancreatic Lymphoma Malignant

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 68

TMT: 3
DOSE: 62.5 mg/kg

SEX: Male
DISP: Natural Death

DAY ON TEST: 658
HISTO: 0900068

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Skin	* Stomach, Forestomach	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

Blood Vessel	Aorta	Mineralization	Mild
* Eye	Antr Chamber	Inflammation	Suppurative, Moderate
* Harderian Gland		Inflammation	Suppurative, Moderate
[Inflammation TGLs = 3-9]			
* Heart	Artery	Mineralization	Mild
	Myocardium	Mineralization	Mild
	Myocardium	Necrosis	Mild
* Kidney		Mineralization	Mild
		Nephropathy	Marked
* Liver		Eosinophilic Focus	
		Hepatocholangiocarcinoma	
[Hepatocholangiocarcinoma TGLs = 2-10]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands, Respirat Epith	Hyperplasia	Minimal
* Preputial Gland		Cyst	Mild
[Cyst TGLs = 1-8]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Seminal Vesicle		Inflammation	Chronic, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 68

TMT: 3

SEX: Male

DAY ON TEST: 658

DOSE: 62.5 mg/kg

DISP: Natural Death

HISTO: 0900068

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular

Mineralization

Mild

* Thymus

Atrophy

Marked

Tooth

Malformation

Moderate

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

CONTRIBUTORY CAUSE OF DEATH

- Liver Hepatocholangiocarcinoma

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 69

TMT: 3

SEX: Male

DAY ON TEST: 730

DOSE: 62.5 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900069

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Pelvis	Inflammation	Suppurative, Mild
		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Eosinophilic Focus	
	[Eosinophilic Focus TGLs = 1-10]		
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands, Respirat Epith	Hyperplasia	Minimal
		Inflammation	Minimal
* Preputial Gland		Cyst	Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Forestomach		Squamous Cell Papilloma	
		Ulcer	Moderate
	[Squamous Cell Papilloma TGLs = 2-10]		
Tooth		Malformation	Marked

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 70

TMT: 3

SEX: Male

DAY ON TEST: 682

DOSE: 62.5 mg/kg

DISP: Moribund Sacrifice

HISTO: 0900070

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Harderian Gland		Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Renal Tubule	Cyst	Mild
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
		Hepatodiaphragmatic Nodule	
	[Hepatocellular Adenoma TGLs = 3-11]		
	[Hepatocellular Carcinoma TGLs = 1,2,4-10+12]		
	[Hepatodiaphragmatic Nodule TGLs = 5-13]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Infiltration Cellular	Histiocyte, Mild
	[Alveolar/Bronchiolar Adenoma TGLs = 6-14]		
	[Infiltration Cellular TGLs = 7-14]		
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Ulcer	Mild

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 70

TMT: 3

SEX: Male

DAY ON TEST: 682

DOSE: 62.5 mg/kg

DISP: Moribund Sacrifice

HISTO: 0900070

ORGAN AND ACCOUNTABLE SITE STATUS

[Ulcer TGLs = 8-15]

* Testes	Germinal Epith	Atrophy	Minimal
* Thymus		Atrophy	Marked
Tooth		Malformation	Moderate

PRIMARY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Adenoma

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 71

TMT: 3
 DOSE: 62.5 mg/kg

SEX: Male
 DISP: Natural Death

DAY ON TEST: 714
 HISTO: 0900071

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Bone Marrow		Histiocytic Sarcoma	
* Heart	Myocardium	Mineralization	Moderate
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Mild
		Nephropathy	Minimal
* Liver		Histiocytic Sarcoma	
	[Histiocytic Sarcoma TGLs = 2-3+4+5+10]		
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
* Spleen		Histiocytic Sarcoma	
	[Histiocytic Sarcoma TGLs = 1-4]		
* Testes	Interstit Cell	Adenoma	
Tooth		Malformation	Moderate

PRIMARY CAUSE OF DEATH - Spleen Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol

CAS Number: 700-06-1

Date Report Requested: 03/25/2010

Time Report Requested: 12:07:47

First Dose M/F: 04/03/07 / 04/02/07

Lab: BAT

ANIMAL NUM: 72

TMT: 3

SEX: Male

DAY ON TEST: 731

DOSE: 62.5 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900072

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|-----------------------------|--------------------------|----------------------------|---------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Esophagus | * Eye |
| * Gallbladder | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Lung | * Lymph Node, Mandibular | * Parathyroid Gland | * Pituitary Gland |
| * Preputial Gland | * Prostate | * Seminal Vesicle | * Skin |
| * Spleen | * Stomach, Forestomach | * Testes | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

MISSING

- | | |
|--------------------------|-----------------|
| * Lymph Node, Mesenteric | * Mammary Gland |
|--------------------------|-----------------|

OBSERVATIONS

- | | | | |
|---------------------------------------|---|------------------------|-----------------------------------|
| * Adren Cortex | | | |
| Note: One adrenal cortex was missing | | | |
| * Adren Medulla | | | |
| Note: One adrenal medulla was missing | | | |
| * Epididymis | | Leiomyosarcoma | Metastatic (Stomach, Glandular) |
| * Harderian Gland | | Adenoma | |
| * Heart | | Cardiomyopathy | Minimal |
| * Kidney | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| * Liver | | Eosinophilic Focus | |
| | | Fatty Change | Minimal |
| | | Hepatocellular Adenoma | |
| | | Mixed Cell Focus | |
| | [Eosinophilic Focus TGLs = 2,4,6-11+13] | | |
| | [Hepatocellular Adenoma TGLs = 1-10] | | |
| | [Mixed Cell Focus TGLs = 5-12] | | |
| Mesentery | | Leiomyosarcoma | Metastatic (Stomach, Forestomach) |
| | [Leiomyosarcoma TGLs = 3-12] | | |
| * Nose | Olfactory Epi | Degeneration | Minimal |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 72

TMT: 3

SEX: Male

DAY ON TEST: 731

DOSE: 62.5 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900072

ORGAN AND ACCOUNTABLE SITE STATUS

	Glands, Respirat Epith	Hyperplasia	Minimal
* Pancreas		Leiomyosarcoma	Metastatic (Stomach, Glandular)
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular		Leiomyosarcoma	
	[Leiomyosarcoma TGLs = 7-13]		
* Thymus		Atrophy	Moderate

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 73

TMT: 3
 DOSE: 62.5 mg/kg

SEX: Male
 DISP: Terminal Sacrifice

DAY ON TEST: 731
 HISTO: 0900073

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Harderian Gland	Infiltration Cellular	Mononuclear CI, Minimal
* Kidney	Mineralization	Minimal
	Nephropathy	Minimal
* Liver	Basophilic Focus	
	Clear Cell Focus	
	Eosinophilic Focus	
	Fatty Change	Minimal
	Hepatocellular Adenoma	Multiple
	[Basophilic Focus TGLs = 4-13]	
	[Eosinophilic Focus TGLs = 3,6-11+12]	
	[Hepatocellular Adenoma TGLs = 1,2-10+11]	
* Lung	Alveolar/Bronchiolar Adenoma	Multiple
	[Alveolar/Bronchiolar Adenoma TGLs = 5-13]	
* Salivary Glands	Infiltration Cellular	Mononuclear CI, Minimal
* Thymus	Atrophy	Minimal
Tooth	Malformation	Minimal

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 74

TMT: 3
 DOSE: 62.5 mg/kg

SEX: Male
 DISP: Terminal Sacrifice

DAY ON TEST: 732
 HISTO: 0900074

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Fatty Change	Minimal
		Hepatocellular Carcinoma	
	[Clear Cell Focus TGLs = 5-13]		
	[Eosinophilic Focus TGLs = 2,3,4-10+11+12]		
	[Hepatocellular Carcinoma TGLs = 1-10]		
* Nose	Olfactory Epi	Degeneration	Mild
	Glands, Respirat Epith	Hyperplasia	Minimal
		Inflammation	Mild
		Polyp, Inflammatory	Minimal
* Preputial Gland		Cyst	Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Atrophy	Mild
Tooth		Malformation	Marked

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 75

TMT: 3
 DOSE: 62.5 mg/kg

SEX: Male
 DISP: Terminal Sacrifice

DAY ON TEST: 732
 HISTO: 0900075

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Brain	Meninges	Inflammation	Chronic, Minimal
* Harderian Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Fatty Change	Minimal
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[Eosinophilic Focus TGLs = 4-12]		
	[Hepatocellular Adenoma TGLs = 2-10]		
	[Hepatocellular Carcinoma TGLs = 3-11]		
* Lung		Alveolar/Bronchiolar Adenoma	
		Pigmentation	Hemosiderin, Mild
	[Alveolar/Bronchiolar Adenoma TGLs = 5-12]		
* Nose	Olfactory Epi	Degeneration	Mild
	Glands, Respirat Epith	Hyperplasia	Minimal
* Preputial Gland		Cyst	Mild
	[Cyst TGLs = 1-8]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach		Ulcer	Mild

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 75

TMT: 3

SEX: Male

DAY ON TEST: 732

DOSE: 62.5 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900075

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Atrophy

Moderate

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 76

TMT: 3

SEX: Male

DAY ON TEST: 732

DOSE: 62.5 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900076

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Fatty Change	Minimal
		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLs = 1-10]		
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands, Respirat Epith	Hyperplasia	Minimal
		Inflammation	Minimal
* Thymus		Atrophy	Mild
Tooth		Malformation	Marked

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 77

TMT: 3
 DOSE: 62.5 mg/kg

SEX: Male
 DISP: Terminal Sacrifice

DAY ON TEST: 731
 HISTO: 0900077

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Gallbladder | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Preputial Gland |
| * Prostate | * Seminal Vesicle | * Skin | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Testes | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | | |
|----------------------|---|------------------------|-------------------------|
| * Harderian Gland | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Islets, Pancreatic | | Hyperplasia | Mild |
| * Kidney | | Mineralization | Minimal |
| | | Nephropathy | Mild |
| * Liver | | Clear Cell Focus | |
| | | Eosinophilic Focus | |
| | | Fatty Change | Minimal |
| | | Hepatocellular Adenoma | Multiple |
| | [Clear Cell Focus TGLs = 5-14] | | |
| | [Hepatocellular Adenoma TGLs = 1,2,3,4-10+11+12+13] | | |
| * Nose | Olfactory Epi | Degeneration | Minimal |
| | Glands, Respirat Epith | Hyperplasia | Minimal |
| * Salivary Glands | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Thymus | | Atrophy | Moderate |
| Tooth | | Malformation | Moderate |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 78

TMT: 3
 DOSE: 62.5 mg/kg

SEX: Male
 DISP: Terminal Sacrifice

DAY ON TEST: 732
 HISTO: 0900078

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland

OBSERVATIONS

* Epididymis	Granuloma Sperm	Mild
* Kidney	Nephropathy	Minimal
* Liver	Eosinophilic Focus	
	Hepatocellular Carcinoma	
	[Eosinophilic Focus TGLs = 2,4-5+11]	
	[Hepatocellular Carcinoma TGLs = 1-10]	
* Preputial Gland	Inflammation	Granulomatous, Minimal
* Prostate	Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands	Infiltration Cellular	Mononuclear CI, Minimal
* Spleen	Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLs = 3-4]	
* Thymus	Atrophy	Mild
Tooth	Malformation	Minimal
* Urinary Bladder	Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 79

TMT: 3
DOSE: 62.5 mg/kg

SEX: Male
DISP: Natural Death

DAY ON TEST: 709
HISTO: 0900079

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney	Renal Tubule	Cyst	Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Fatty Change	Mild
* Thymus		Atrophy	Minimal
Tooth		Malformation	Minimal

PRIMARY CAUSE OF DEATH - UNCERTAIN

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 80

TMT: 3
 DOSE: 62.5 mg/kg

SEX: Male
 DISP: Terminal Sacrifice

DAY ON TEST: 732
 HISTO: 0900080

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Preputial Gland	* Prostate	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea

MISSING

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Minimal
* Eye			
Note: Both optic nerves were missing			
* Harderian Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	[Clear Cell Focus TGLs = 5-12]		
	[Hepatocellular Adenoma TGLs = 1,3,4-10+11+13]		
	[Hepatocellular Carcinoma TGLs = 2-13]		
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands, Respirat Epith	Hyperplasia	Minimal
* Pituitary Gland	Pars Intermed	Adenoma	
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Seminal Vesicle		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 80

TMT: 3

SEX: Male

DAY ON TEST: 732

DOSE: 62.5 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900080

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus
Tooth
* Urinary Bladder

Atrophy
Malformation
Inflammation

Minimal
Moderate
Chronic, Minimal

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 81

TMT: 3

SEX: Male

DAY ON TEST: 710

DOSE: 62.5 mg/kg

DISP: Moribund Sacrifice

HISTO: 0900081

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Harderian Gland	Adenoma	
* Islets, Pancreatic	Hyperplasia	Minimal
* Kidney	Mineralization	Minimal
	Nephropathy	Minimal
* Liver	Eosinophilic Focus	
	Hepatocellular Adenoma	Multiple
	Necrosis	Minimal
	[Hepatocellular Adenoma TGLs = 1,2-10+11]	
	[Necrosis TGLs = 3-12]	
* Salivary Glands	Infiltration Cellular	Mononuclear CI, Minimal
* Spleen	Hematopoietic Cell Proliferation	Mild
* Thymus	Atrophy	Marked

PRIMARY CAUSE OF DEATH

- UNCERTAIN

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol

CAS Number: 700-06-1

Date Report Requested: 03/25/2010

Time Report Requested: 12:07:47

First Dose M/F: 04/03/07 / 04/02/07

Lab: BAT

ANIMAL NUM: 82

TMT: 3

SEX: Male

DAY ON TEST: 732

DOSE: 62.5 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900082

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Esophagus | * Eye |
| * Gallbladder | * Harderian Gland | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Nose | * Pancreas | * Parathyroid Gland |
| * Pituitary Gland | * Prostate | * Seminal Vesicle | * Skin |
| * Spleen | * Stomach, Glandular | * Testes | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | |
|------------------------|-------------------------|-------------------------|
| * Epididymis | Granuloma Sperm | Minimal |
| * Kidney | Mineralization | Minimal |
| | Nephropathy | Minimal |
| * Liver | Eosinophilic Focus | |
| | Fatty Change | Minimal |
| | Mixed Cell Focus | |
| | | |
| | Inflammation | Granulomatous, Mild |
| * Preputial Gland | Infiltration Cellular | Mononuclear CI, Minimal |
| * Salivary Glands | Squamous Cell Papilloma | |
| * Stomach, Forestomach | | |
| | | |
| | Atrophy | Moderate |
| * Thymus | Malformation | Minimal |
| Tooth | | |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 83

TMT: 3
DOSE: 62.5 mg/kg

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 732
HISTO: 0900083

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

OBSERVATIONS

* Eye	Cornea	Inflammation	Chronic, Minimal
* Harderian Gland		Adenoma	
		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLs = 1,3-10+12]		
	[Hepatocellular Carcinoma TGLs = 2-11]		
* Nose		Inflammation	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Moderate
Tooth		Malformation	Moderate

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 84

TMT: 3
DOSE: 62.5 mg/kg

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 731
HISTO: 0900084

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney	Renal Tubule	Cyst	Mild
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Fatty Change	Minimal
		Hepatocellular Adenoma	
		Mixed Cell Focus	
		[Clear Cell Focus TGLs = 2,4-11+13]	
		[Hepatocellular Adenoma TGLs = 1-10]	
		[Mixed Cell Focus TGLs = 3,5-12+14]	
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Seminal Vesicle		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Atrophy	Minimal
Tooth		Malformation	Moderate

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 85

TMT: 3

SEX: Male

DAY ON TEST: 732

DOSE: 62.5 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900085

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Gallbladder | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Nose | * Pancreas |
| * Parathyroid Gland | * Pituitary Gland | * Preputial Gland | * Prostate |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Testes | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | | |
|--------------------------------------|----------------|--------------------|-------------------|
| * Eye | | | |
| Note: Both optic nerves were missing | | | |
| * Harderian Gland | | Adenoma | |
| [Adenoma TGLs = 1-9] | | | |
| * Intestine Large, Rectum | | Inflammation | Chronic, Moderate |
| * Islets, Pancreatic | | Hyperplasia | Minimal |
| * Kidney | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| * Liver | | Eosinophilic Focus | |
| * Lung | Alveolar Epith | Hyperplasia | Minimal |
| * Thymus | | Atrophy | Mild |
| Tooth | | Malformation | Minimal |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 86

TMT: 3
 DOSE: 62.5 mg/kg

SEX: Male
 DISP: Terminal Sacrifice

DAY ON TEST: 732
 HISTO: 0900086

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Eye			
	Note: Both optic nerves were missing		
* Harderian Gland		Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	[Hepatocellular Adenoma TGLs = 2,3-11+12]		
	[Hepatocellular Carcinoma TGLs = 1,4-10+11]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands, Respirat Epith	Hyperplasia	Minimal
* Preputial Gland		Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 87

TMT: 3
 DOSE: 62.5 mg/kg

SEX: Male
 DISP: Terminal Sacrifice

DAY ON TEST: 731
 HISTO: 0900087

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	Oral Mucosa	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Fatty Change	Mild
		Hepatocellular Adenoma	
		Mixed Cell Focus	
	[Hepatocellular Adenoma TGLs = 1-10]		
	[Mixed Cell Focus TGLs = 2-11]		
* Nose	Olfactory Epi	Degeneration	Mild
	Glands, Respirat Epith	Hyperplasia	Minimal
* Thymus		Atrophy	Moderate
Tooth		Malformation	Mild

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 88

TMT: 3

SEX: Male

DAY ON TEST: 731

DOSE: 62.5 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900088

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Prostate
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Eye	Cornea	Inflammation	Chronic, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver	[Eosinophilic Focus TGLs = 1-10]	Eosinophilic Focus	
* Nose		Inflammation	Minimal
* Pituitary Gland		Cyst	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Atrophy	Marked
Tooth		Malformation	Marked

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 89

TMT: 3
 DOSE: 62.5 mg/kg

SEX: Male
 DISP: Moribund Sacrifice

DAY ON TEST: 604
 HISTO: 0900089

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Gallbladder | * Harderian Gland | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Lung | * Lymph Node, Mesenteric | * Pancreas |
| * Parathyroid Gland | * Pituitary Gland | * Prostate | * Seminal Vesicle |
| * Stomach, Forestomach | * Stomach, Glandular | * Testes | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

MISSING

- * Mammary Gland

OBSERVATIONS

- * Adren Medulla
 Note: One adrenal medulla was missing
- * Eye
 Note: Both eyes were found and processed for this mouse, though one eye was very small, accounting for the gross notation of right eye = missing.
 Degeneration Marked
- * Harderian GI
 Note: Only one Harderian Gland located. TGL 9 is eyelid (part of skin) neoplasm
- * Islets, Pancreatic
 Hyperplasia Minimal
- * Kidney
 Mineralization Minimal
 Nephropathy Minimal
- * Liver
 Tension Lipidosis Minimal
- * Lymph Node, Mandibular
 Hyperplasia Lymphoid, Marked
 [Hyperplasia TGLs = 3-11]
- * Nose
 Olfactory Epi Degeneration Minimal
 Glands, Respirat Epith Hyperplasia Minimal
- * Preputial Gland
 Cyst Mild
- * Salivary Glands
 Infiltration Cellular Mononuclear CI, Minimal
- * Skin
 Sebaceous GI Carcinoma
 Ulcer Moderate
 [Carcinoma TGLs = 2-9]

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 89

TMT: 3

SEX: Male

DAY ON TEST: 604

DOSE: 62.5 mg/kg

DISP: Moribund Sacrifice

HISTO: 0900089

ORGAN AND ACCOUNTABLE SITE STATUS

[Ulcer TGLs = 1-10]

* Spleen	Hematopoietic Cell Proliferation	Minimal
* Thymus	Atrophy	Minimal
Tooth	Malformation	Minimal

PRIMARY CAUSE OF DEATH - Skin Sebaceous Gl Carcinoma

Animal Note: One adrenal cortex was missing

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 90

TMT: 3
 DOSE: 62.5 mg/kg

SEX: Male
 DISP: Terminal Sacrifice

DAY ON TEST: 732
 HISTO: 0900090

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Fatty Change	Minimal
		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLs = 1,2-10+11]		
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 91

TMT: 3
 DOSE: 62.5 mg/kg

SEX: Male
 DISP: Moribund Sacrifice

DAY ON TEST: 711
 HISTO: 0900091

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Medulla	Pheochromocytoma Benign	
* Kidney	Nephropathy	Minimal
* Liver	Eosinophilic Focus	
	Hepatocellular Carcinoma	Multiple
	[Eosinophilic Focus TGLs = 7-14]	
	[Hepatocellular Carcinoma TGLs = 3,4,6-11+12+13]	
* Lung	Hepatoblastoma	Metastatic (Liver)
	Hepatocellular Carcinoma	Metastatic (Liver)
	[Hepatoblastoma TGLs = 5-12]	
* Preputial Gland	Cyst	Mild
	[Cyst TGLs = 1-8]	
* Salivary Glands	Infiltration Cellular	Mononuclear CI, Minimal
* Skin	Ulcer	Moderate
	[Ulcer TGLs = 2-10]	
* Spleen	Hematopoietic Cell Proliferation	Moderate
* Thymus	Atrophy	Marked

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 92

TMT: 3

SEX: Male

DAY ON TEST: 381

DOSE: 62.5 mg/kg

DISP: Moribund Sacrifice

HISTO: 0900092

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

OBSERVATIONS

* Islets, Pancreatic	Hyperplasia	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Fatty Change	Mild
	Hepatocellular Adenoma	
[Hepatocellular Adenoma TGLs = 2-11]		
* Skin	Subcut Tiss	Fibrosarcoma

Note: Based on histology, TGL 1 is in the skin, not mammary gland as was described grossly

[Fibrosarcoma TGLs = 1-10]

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Fibrosarcoma

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 93

TMT: 3
DOSE: 62.5 mg/kg

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 732
HISTO: 0900093

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Cortex
- * Adrenal Medulla
- * Bone Marrow
- * Brain
- * Eye
- * Gallbladder
- * Intestine Large, Cecum
- * Intestine Large, Colon
- * Intestine Small, Ileum
- * Intestine Small, Jejunum
- * Lymph Node, Mesenteric
- * Nose
- * Prostate
- * Seminal Vesicle
- * Stomach, Glandular
- * Testes
- * Urinary Bladder
- * Blood Vessel
- * Epididymis
- * Harderian Gland
- * Intestine Large, Rectum
- * Islets, Pancreatic
- * Parathyroid Gland
- * Skin
- * Thyroid Gland
- * Bone
- * Esophagus
- * Heart
- * Intestine Small, Duodenum
- * Lymph Node, Mandibular
- * Pituitary Gland
- * Stomach, Forestomach
- * Trachea

MISSING

- * Mammary Gland

OBSERVATIONS

- * Kidney
 - Nephropathy
 - Clear Cell Focus
 - Eosinophilic Focus
 - Fatty Change
 - Hepatoblastoma
 - Hepatocellular Carcinoma
 - * Liver
 - [Eosinophilic Focus TGLs = 7-14]
 - [Hepatoblastoma TGLs = 6-13]
 - [Hepatocellular Carcinoma TGLs = 3,4,5-3+11+12]
 - * Lung
 - Inflammation
 - * Pancreas
 - Duct
 - Cyst
 - * Preputial Gland
 - [Cyst TGLs = 2-10]
 - Cyst
 - * Salivary Glands
 - [Cyst TGLs = 1-8]
 - Infiltration Cellular
 - * Spleen
 - Hematopoietic Cell Proliferation
 - * Thymus
 - Atrophy
- Mild
 Minimal
 Multiple
 Chronic, Mild
 Mild
 Mild
 Mononuclear CI, Minimal
 Mild
 Moderate

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol

CAS Number: 700-06-1

Date Report Requested: 03/25/2010

Time Report Requested: 12:07:47

First Dose M/F: 04/03/07 / 04/02/07

Lab: BAT

ANIMAL NUM: 94

TMT: 3

SEX: Male

DAY ON TEST: 731

DOSE: 62.5 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900094

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Cortex
- * Bone Marrow
- * Gallbladder
- * Intestine Small, Duodenum
- * Lymph Node, Mandibular
- * Parathyroid Gland
- * Skin
- * Testes
- * Adrenal Medulla
- * Brain
- * Intestine Large, Cecum
- * Intestine Small, Ileum
- * Lymph Node, Mesenteric
- * Pituitary Gland
- * Spleen
- * Thyroid Gland
- Blood Vessel
- * Esophagus
- * Intestine Large, Colon
- * Intestine Small, Jejunum
- * Nose
- * Preputial Gland
- * Stomach, Forestomach
- * Trachea
- * Bone
- * Eye
- * Intestine Large, Rectum
- * Lung
- * Pancreas
- * Prostate
- * Stomach, Glandular
- * Urinary Bladder

MISSING

- * Mammary Gland

OBSERVATIONS

- * Epididymis
- * Harderian Gland
 - Note: One Harderian gland was missing
- * Heart
- * Islets, Pancreatic
- * Kidney
 - Pelvis
 - Renal Tubule
- * Liver
 - Infiltration Cellular
 - Infiltration Cellular
 - Cardiomyopathy
 - Hyperplasia
 - Inflammation
 - Nephropathy
 - Pigmentation
 - Eosinophilic Focus
 - Hepatoblastoma
 - Hepatocellular Adenoma
 - Mononuclear CI, Minimal
 - Mononuclear CI, Minimal
 - Minimal
 - Mild
 - Suppurative, Moderate
 - Mild
 - Mild
 - Multiple
 - Multiple
- [Eosinophilic Focus TGLs = 5-14]
- [Hepatoblastoma TGLs = 2,3-11+12]
- [Hepatocellular Adenoma TGLs = 1,4-10+13]
- Mesentery
 - [Hepatoblastoma TGLs = 6-15]
- * Salivary Glands
- * Seminal Vesicle
- * Thymus
 - Hepatoblastoma
 - Infiltration Cellular
 - Infiltration Cellular
 - Atrophy
 - Metastatic (Liver)
 - Mononuclear CI, Minimal
 - Mononuclear CI, Minimal
 - Moderate

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 94

TMT: 3

SEX: Male

DAY ON TEST: 731

DOSE: 62.5 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900094

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth

Malformation

Moderate

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 95

TMT: 3

SEX: Male

DAY ON TEST: 731

DOSE: 62.5 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900095

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Harderian Gland	Hyperplasia	Moderate
* Liver	Eosinophilic Focus	
	Fatty Change	Mild
[Eosinophilic Focus TGLs = 1-10]		
* Salivary Glands	Infiltration Cellular	Mononuclear CI, Minimal
* Thymus	Atrophy	Mild
Tooth	Malformation	Minimal

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 96

TMT: 3

SEX: Male

DAY ON TEST: 732

DOSE: 62.5 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900096

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Harderian Gland		Hyperplasia	Moderate
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Mixed Cell Focus	
	[Eosinophilic Focus TGLs = 2-10]		
	[Hepatocellular Adenoma TGLs = 1,4-10+11]		
	[Hepatocellular Carcinoma TGLs = 3-11]		
	[Mixed Cell Focus TGLs = 5-12]		
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Thymus		Atrophy	Mild
Tooth		Malformation	Moderate

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol

CAS Number: 700-06-1

Date Report Requested: 03/25/2010

Time Report Requested: 12:07:47

First Dose M/F: 04/03/07 / 04/02/07

Lab: BAT

ANIMAL NUM: 97

TMT: 3

SEX: Male

DAY ON TEST: 732

DOSE: 62.5 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900097

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|-----------------------------|--------------------------|----------------------------|---------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Esophagus | * Eye |
| * Gallbladder | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Pancreas |
| * Parathyroid Gland | * Pituitary Gland | * Preputial Gland | * Prostate |
| * Seminal Vesicle | * Skin | * Spleen | * Stomach, Forestomach |
| * Stomach, Glandular | * Testes | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | |
|-------------------|------------------------|-------------------------|
| * Epididymis | Infiltration Cellular | Mononuclear CI, Minimal |
| * Harderian Gland | Infiltration Cellular | Mononuclear CI, Minimal |
| * Heart | Cardiomyopathy | Minimal |
| * Kidney | Mineralization | Minimal |
| | Nephropathy | Minimal |
| * Liver | Clear Cell Focus | |
| | Eosinophilic Focus | |
| | Fatty Change | Mild |
| | Hepatocellular Adenoma | |
| | Mixed Cell Focus | |

[Eosinophilic Focus TGLs = 4-13]
 [Fatty Change TGLs = 1-4+5+10+13]
 [Hepatocellular Adenoma TGLs = 2-11]
 [Mixed Cell Focus TGLs = 3-12]

- | | | | |
|-------------------|------------------------|-----------------------|-------------------------|
| * Nose | Olfactory Epi | Degeneration | Minimal |
| | Glands, Respirat Epith | Hyperplasia | Minimal |
| | | Inflammation | Minimal |
| * Salivary Glands | | Infiltration Cellular | Mononuclear CI, Minimal |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 97

TMT: 3

SEX: Male

DAY ON TEST: 732

DOSE: 62.5 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900097

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus
Tooth

Atrophy
Malformation

Mild
Moderate

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 98

TMT: 3

SEX: Male

DAY ON TEST: 730

DOSE: 62.5 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900098

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Fatty Change	Minimal
		Hepatocellular Carcinoma	Multiple
		Mixed Cell Focus	
	[Clear Cell Focus TGLs = 3-11]		
	[Eosinophilic Focus TGLs = 7-14]		
	[Hepatocellular Carcinoma TGLs = 2,4,5,6-10+12+13]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands, Respirat Epith	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Seminal Vesicle		Infiltration Cellular	Mononuclear CI, Minimal
	[Infiltration Cellular TGLs = 1-7]		
* Thymus		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 98

TMT: 3

SEX: Male

DAY ON TEST: 730

DOSE: 62.5 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900098

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth

Malformation

Moderate

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 99

TMT: 3
DOSE: 62.5 mg/kg

SEX: Male
DISP: Moribund Sacrifice

DAY ON TEST: 616
HISTO: 0900099

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Eye	Cornea	Inflammation	Suppurative, Moderate
[Inflammation TGLs = 1-9]			
* Harderian Gland		Adenoma	
[Adenoma TGLs = 2-9]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Fatty Change	Mild
		Hepatocellular Adenoma	
		Mixed Cell Focus	
[Hepatocellular Adenoma TGLs = 3-10]			
* Thymus		Atrophy	Marked
Tooth		Malformation	Moderate

PRIMARY CAUSE OF DEATH - Harderian Gland Adenoma

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 100

TMT: 3
 DOSE: 62.5 mg/kg

SEX: Male
 DISP: Terminal Sacrifice

DAY ON TEST: 730
 HISTO: 0900100

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Fatty Change	Mild
		Hemangiosarcoma	Multiple
		Hepatocellular Carcinoma	
	[Hemangiosarcoma TGLs = 1,2-10+11]		
	[Hepatocellular Carcinoma TGLs = 3-12]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLs = 4-13]		
* Thymus		Atrophy	Moderate
* Thyroid Gland	C Cell	Adenoma	
	[Adenoma TGLs = 5-3]		
Tooth		Malformation	Mild

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 101

TMT: 5

SEX: Male

DAY ON TEST: 610

DOSE: 125 mg/kg

DISP: Moribund Sacrifice

HISTO: 0900101

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Gallbladder	* Mammary Gland
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OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLs = 1-10]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Epithelium	Hyperplasia	Minimal
	Epithelium	Necrosis	Minimal
* Thymus		Atrophy	Marked
		Hepatocellular Carcinoma	Metastatic (Liver)
Tooth		Malformation	Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 102

TMT: 5
DOSE: 125 mg/kg

SEX: Male
DISP: Natural Death

DAY ON TEST: 686
HISTO: 0900102

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Liver	[Hepatocellular Carcinoma TGLs = 1-10]	Hepatocellular Carcinoma	
* Lung	[Alveolar/Bronchiolar Adenoma TGLs = 3-11]	Alveolar/Bronchiolar Adenoma	Multiple
* Nose	Olfactory Epi Glands, Respirat Epith	Degeneration Hyperplasia	Minimal Minimal
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 103

TMT: 5

SEX: Male

DAY ON TEST: 637

DOSE: 125 mg/kg

DISP: Moribund Sacrifice

HISTO: 0900103

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Marked
* Liver	Hepatocellular Adenoma	
	Hepatocellular Carcinoma	Multiple
	[Hepatocellular Adenoma TGLs = 4-13]	
	[Hepatocellular Carcinoma TGLs = 1,2,3-10+11+12]	
* Lung	Alveolar/Bronchiolar Adenoma	Multiple
	[Alveolar/Bronchiolar Adenoma TGLs = 5,6-13+14]	
* Spleen	Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach	Ulcer	Mild
* Stomach, Glandular	Mineralization	Minimal
* Thymus	Atrophy	Marked

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH - Kidney Nephropathy

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol

CAS Number: 700-06-1

Date Report Requested: 03/25/2010

Time Report Requested: 12:07:47

First Dose M/F: 04/03/07 / 04/02/07

Lab: BAT

ANIMAL NUM: 104

TMT: 5

SEX: Male

DAY ON TEST: 731

DOSE: 125 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900104

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Gallbladder | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Preputial Gland |
| * Prostate | * Seminal Vesicle | * Spleen | * Stomach, Forestomach |
| * Testes | * Thyroid Gland | * Trachea | * Urinary Bladder |

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | | |
|----------------------|---|------------------------|-------------------------|
| * Harderian Gland | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Islets, Pancreatic | | Hyperplasia | Minimal |
| * Kidney | | Nephropathy | Minimal |
| * Liver | | Clear Cell Focus | |
| | | Eosinophilic Focus | |
| | | Fatty Change | Mild |
| | | Hepatocellular Adenoma | Multiple |
| | | Mixed Cell Focus | |
| | [Clear Cell Focus TGLs = 1-3+10] | | |
| | [Eosinophilic Focus TGLs = 6-14] | | |
| | [Hepatocellular Adenoma TGLs = 2,3,4-11+12] | | |
| | [Mixed Cell Focus TGLs = 7-12] | | |
| * Nose | Olfactory Epi | Degeneration | Minimal |
| | Glands, Respirat Epith | Hyperplasia | Minimal |
| | | Inflammation | Minimal |
| * Salivary Glands | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Skin | Epidermis | Keratoacanthoma | |
| | [Keratoacanthoma TGLs = 5-13] | | |
| * Stomach, Glandular | Epithelium | Hyperplasia | Minimal |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 104

TMT: 5
DOSE: 125 mg/kg

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 731
HISTO: 0900104

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus	Epithelium	Necrosis	Minimal
Tooth		Atrophy	Mild
		Malformation	Moderate

TDMS No. 20006 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol

CAS Number: 700-06-1

Date Report Requested: 03/25/2010

Time Report Requested: 12:07:47

First Dose M/F: 04/03/07 / 04/02/07

Lab: BAT

ANIMAL NUM: 105

TMT: 5

SEX: Male

DAY ON TEST: 717

DOSE: 125 mg/kg

DISP: Moribund Sacrifice

HISTO: 0900105

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Brain | * Epididymis | * Esophagus | * Eye |
| * Gallbladder | * Harderian Gland | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Preputial Gland |
| * Seminal Vesicle | * Skin | * Spleen | * Stomach, Forestomach |
| * Testes | * Thyroid Gland | * Trachea | * Urinary Bladder |

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | | |
|----------------------|---|------------------------|-------------------------|
| * Bone Marrow | | Hemangiosarcoma | |
| * Kidney | Pelvis | Inflammation | Suppurative, Mild |
| | | Nephropathy | Minimal |
| * Liver | | Eosinophilic Focus | |
| | | Hepatocellular Adenoma | Multiple |
| | [Eosinophilic Focus TGLs = 5,6-14+15] | | |
| | [Hepatocellular Adenoma TGLs = 2,3-11+12] | | |
| * Lung | Alveolar Epith | Hyperplasia | Mild |
| | [Hyperplasia TGLs = 4-13] | | |
| * Nose | Olfactory Epi | Degeneration | Minimal |
| | Glands, Respirat Epith | Hyperplasia | Minimal |
| | | Inflammation | Minimal |
| * Prostate | | Inflammation | Suppurative, Mild |
| * Salivary Glands | | Infiltration Cellular | Mononuclear CI, Minimal |
| Skeletal Muscle | | Hemangiosarcoma | |
| | Note: Based on histology, TGL 1 is located in skeletal muscle | | |
| | [Hemangiosarcoma TGLs = 1-10] | | |
| * Stomach, Glandular | Epithelium | Hyperplasia | Minimal |
| | Epithelium | Necrosis | Minimal |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 105

TMT: 5

SEX: Male

DAY ON TEST: 717

DOSE: 125 mg/kg

DISP: Moribund Sacrifice

HISTO: 0900105

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Atrophy

Marked

Tooth

Malformation

Moderate

PRIMARY CAUSE OF DEATH

- UNCERTAIN

TDMS No. 20006 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol

CAS Number: 700-06-1

Date Report Requested: 03/25/2010

Time Report Requested: 12:07:47

First Dose M/F: 04/03/07 / 04/02/07

Lab: BAT

ANIMAL NUM: 106

TMT: 5

SEX: Male

DAY ON TEST: 731

DOSE: 125 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900106

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Gallbladder | * Harderian Gland | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Preputial Gland |
| * Prostate | * Seminal Vesicle | * Skin | * Spleen |
| * Stomach, Forestomach | * Testes | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

MISSING

- | | |
|-----------------|----------|
| * Mammary Gland | * Thymus |
|-----------------|----------|

OBSERVATIONS

- | | | | |
|----------------------|--|------------------------------|-------------------------|
| * Islets, Pancreatic | | Hyperplasia | Mild |
| * Kidney | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| * Liver | | Eosinophilic Focus | |
| | | Hepatoblastoma | Multiple |
| | | Hepatocellular Adenoma | Multiple |
| | [Eosinophilic Focus TGLs = 7-13] | | |
| | [Hepatoblastoma TGLs = 1,3,4-10+12] | | |
| | [Hepatocellular Adenoma TGLs = 2,6-10+11] | | |
| * Lung | | Alveolar/Bronchiolar Adenoma | |
| | [Alveolar/Bronchiolar Adenoma TGLs = 5-13] | | |
| * Nose | Olfactory Epi | Degeneration | Minimal |
| | Glands, Respirat Epith | Hyperplasia | Minimal |
| | | Inflammation | Minimal |
| * Salivary Glands | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Stomach, Glandular | | Inflammation | Chronic, Minimal |
| Tooth | | Malformation | Marked |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol

CAS Number: 700-06-1

Date Report Requested: 03/25/2010

Time Report Requested: 12:07:47

First Dose M/F: 04/03/07 / 04/02/07

Lab: BAT

ANIMAL NUM: 107

TMT: 5

SEX: Male

DAY ON TEST: 731

DOSE: 125 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900107

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Esophagus | * Eye |
| * Gallbladder | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lymph Node, Mandibular | * Nose | * Pancreas |
| * Parathyroid Gland | * Pituitary Gland | * Preputial Gland | * Seminal Vesicle |
| * Skin | * Stomach, Forestomach | * Testes | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | | |
|--------------------------|--|----------------------------------|-------------------------|
| * Epididymis | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Harderian Gland | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Kidney | | Nephropathy | Minimal |
| * Liver | | Eosinophilic Focus | |
| | | Hepatocellular Carcinoma | |
| | [Eosinophilic Focus TGLs = 3,4-11+12] | | |
| | [Hepatocellular Carcinoma TGLs = 1-10] | | |
| * Lung | | Alveolar/Bronchiolar Adenoma | |
| * Lymph Node, Mesenteric | | Lymphoma Malignant | |
| | [Lymphoma Malignant TGLs = 2-10] | | |
| * Prostate | | Lymphoma Malignant | |
| * Salivary Glands | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Spleen | | Hematopoietic Cell Proliferation | Mild |
| * Stomach, Glandular | Epithelium | Hyperplasia | Mild |
| | | Inflammation | Chronic, Minimal |
| | Epithelium | Necrosis | Minimal |
| * Thymus | | Atrophy | Mild |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol

CAS Number: 700-06-1

Date Report Requested: 03/25/2010

Time Report Requested: 12:07:47

First Dose M/F: 04/03/07 / 04/02/07

Lab: BAT

ANIMAL NUM: 108

TMT: 5

SEX: Male

DAY ON TEST: 731

DOSE: 125 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900108

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Esophagus | * Eye |
| * Gallbladder | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Prostate | * Seminal Vesicle | * Skin | * Stomach, Forestomach |
| * Testes | * Thyroid Gland | * Trachea | * Urinary Bladder |

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | | |
|----------------------------|---|----------------------------------|-------------------------|
| * Epididymis | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Harderian Gland | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Intestine Small, Jejunum | | Polyp Adenomatous | |
| | [Polyp Adenomatous TGLs = 5-12] | | |
| * Islets, Pancreatic | | Hyperplasia | Minimal |
| * Kidney | | Nephropathy | Minimal |
| * Liver | | Eosinophilic Focus | |
| | | Hepatocellular Adenoma | Multiple |
| | | Hepatocellular Carcinoma | |
| | [Eosinophilic Focus TGLs = 4,7-11+13] | | |
| | [Hepatocellular Adenoma TGLs = 3,6-11+12] | | |
| | [Hepatocellular Carcinoma TGLs = 2-10] | | |
| * Lung | | Hepatocellular Carcinoma | Metastatic (Liver) |
| * Nose | Olfactory Epi | Degeneration | Mild |
| | Glands, Respirat Epith | Hyperplasia | Minimal |
| * Preputial Gland | | Cyst | Mild |
| | [Cyst TGLs = 1-8] | | |
| * Salivary Glands | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Spleen | | Hematopoietic Cell Proliferation | Moderate |
| * Stomach, Glandular | Epithelium | Hyperplasia | Minimal |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 108

TMT: 5
DOSE: 125 mg/kg

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 731
HISTO: 0900108

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus	Epithelium	Necrosis Atrophy	Minimal Moderate
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TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 109

TMT: 5
 DOSE: 125 mg/kg

SEX: Male
 DISP: Terminal Sacrifice

DAY ON TEST: 731
 HISTO: 0900109

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	Multiple
	[Eosinophilic Focus TGLs = 4,5-3+13]		
	[Hepatocellular Carcinoma TGLs = 1,2,3-10+11+12]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular	Epithelium	Hyperplasia	Minimal
	Epithelium	Necrosis	Minimal
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 110

TMT: 5

SEX: Male

DAY ON TEST: 133

DOSE: 125 mg/kg

DISP: Dosing Accident

HISTO: 0900110

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adren Cortex			
Note: One adrenal cortex was missing			
* Adren Medulla			
Note: One adrenal medulla was missing			
* Esophagus		Mineralization	Mild
* Lung	Mediastinum	Inflammation	Granulomatous, Marked
* Skin	Subcut Tiss	Inflammation	Acute, Moderate
[Inflammation TGLs = 1-10]			
* Thymus		Atrophy	Marked

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 111

TMT: 5
 DOSE: 125 mg/kg

SEX: Male
 DISP: Terminal Sacrifice

DAY ON TEST: 730
 HISTO: 0900111

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Gallbladder | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Nose | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Preputial Gland | * Prostate | * Seminal Vesicle | * Skin |
| * Stomach, Forestomach | * Testes | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | | |
|----------------------|--|----------------------------------|-------------------------|
| * Harderian Gland | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Kidney | | Nephropathy | Mild |
| * Liver | | Eosinophilic Focus | |
| | | Hepatocellular Carcinoma | |
| | [Eosinophilic Focus TGLs = 2-11] | | |
| | [Hepatocellular Carcinoma TGLs = 1-10] | | |
| * Lung | | Alveolar/Bronchiolar Adenoma | |
| | [Alveolar/Bronchiolar Adenoma TGLs = 3-12] | | |
| * Salivary Glands | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Spleen | | Hematopoietic Cell Proliferation | Mild |
| * Stomach, Glandular | Epithelium | Hyperplasia | Mild |
| | | Inflammation | Chronic, Minimal |
| | Epithelium | Necrosis | Minimal |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 112

TMT: 5
 DOSE: 125 mg/kg

SEX: Male
 DISP: Terminal Sacrifice

DAY ON TEST: 732
 HISTO: 0900112

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Harderian Gland		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Fatty Change	Minimal
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
	[Eosinophilic Focus TGLs = 5-12]		
	[Hepatocellular Adenoma TGLs = 3-12]		
	[Hepatocellular Carcinoma TGLs = 1,2,4-10+11]		
* Nose	Olfactory Epi	Degeneration	Mild
	Glands, Respirat Epith	Hyperplasia	Minimal
		Inflammation	Minimal
		Polyp, Inflammatory	Minimal
* Prostate		Inflammation	Chronic, Minimal
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 112

TMT: 5

SEX: Male

DAY ON TEST: 732

DOSE: 125 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900112

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth

Malformation

Marked

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 113

TMT: 5
DOSE: 125 mg/kg

SEX: Male
DISP: Natural Death

DAY ON TEST: 596
HISTO: 0900113

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Harderian Gland	Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Nephropathy	Minimal
* Liver	Hemangiosarcoma	
	Hepatocellular Adenoma	
[Hemangiosarcoma TGLs = 2-10+11+13+14]		
[Hepatocellular Adenoma TGLs = 2-12]		
* Spleen	Hematopoietic Cell Proliferation	Moderate
* Thymus	Atrophy	Marked
Tooth	Malformation	Moderate

PRIMARY CAUSE OF DEATH - Liver Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 114

TMT: 5
DOSE: 125 mg/kg

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 0900114

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

OBSERVATIONS

* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Mixed Cell Focus	
	[Eosinophilic Focus TGLs = 1,2,3,4-10+11+12+13]		
	[Mixed Cell Focus TGLs = 5-14]		
* Nose	Olfactory Epi	Degeneration	Mild
	Glands, Respirat Epith	Hyperplasia	Mild
		Inflammation	Mild
		Polyp, Inflammatory	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
	Epithelium	Necrosis	Minimal
* Thymus		Atrophy	Marked
Tooth		Malformation	Marked

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 115

TMT: 5
 DOSE: 125 mg/kg

SEX: Male
 DISP: Terminal Sacrifice

DAY ON TEST: 732
 HISTO: 0900115

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Fatty Change	Minimal
		Hepatocellular Carcinoma	Multiple
		Mixed Cell Focus	
	[Eosinophilic Focus TGLs = 4-12]		
	[Hepatocellular Carcinoma TGLs = 1,2,3-10+11]		
Mesentery	Fat	Necrosis	Minimal
	[Necrosis TGLs = 5-13]		
* Nose	Olfactory Epi	Degeneration	Mild
	Glands, Respirat Epith	Hyperplasia	Minimal
		Inflammation	Minimal
* Thymus		Atrophy	Mild
Tooth		Malformation	Moderate

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 116

TMT: 5
 DOSE: 125 mg/kg

SEX: Male
 DISP: Terminal Sacrifice

DAY ON TEST: 732
 HISTO: 0900116

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Medulla | Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Epididymis | * Esophagus | * Eye |
| * Gallbladder | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Nose | * Pancreas |
| * Parathyroid Gland | * Pituitary Gland | * Preputial Gland | * Seminal Vesicle |
| * Skin | * Spleen | * Stomach, Forestomach | * Testes |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | | |
|--|----------------|--------------------------|-------------------------|
| * Adrenal Cortex | | Adenoma | |
| [Adenoma TGLs = 3-6] | | | |
| * Harderian Gland | | Adenoma | |
| [Adenoma TGLs = 4-9] | | | |
| * Islets, Pancreatic | | Hyperplasia | Minimal |
| * Kidney | | Mineralization | Minimal |
| | | Nephropathy | Mild |
| * Liver | | Clear Cell Focus | |
| | | Eosinophilic Focus | |
| | | Fatty Change | Mild |
| | | Hepatocellular Carcinoma | |
| | | Mixed Cell Focus | |
| [Eosinophilic Focus TGLs = 5-11] | | | |
| [Hepatocellular Carcinoma TGLs = 1-10] | | | |
| * Lung | Alveolar Epith | Hyperplasia | Minimal |
| Mesentery | Fat | Necrosis | Mild |
| Note: TGL 2 was located in the mesentery rather than the pancreas, based on histology. | | | |
| [Necrosis TGLs = 2-11] | | | |
| * Prostate | | Infiltration Cellular | Mononuclear CI, Minimal |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 116

TMT: 5

SEX: Male

DAY ON TEST: 732

DOSE: 125 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900116

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Epithelium	Hyperplasia	Minimal
	Epithelium	Necrosis	Minimal
* Thymus		Atrophy	Mild
Tooth		Malformation	Marked

TDMS No. 20006 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol

CAS Number: 700-06-1

Date Report Requested: 03/25/2010

Time Report Requested: 12:07:47

First Dose M/F: 04/03/07 / 04/02/07

Lab: BAT

ANIMAL NUM: 117

TMT: 5

SEX: Male

DAY ON TEST: 731

DOSE: 125 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900117

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Cortex
- * Adrenal Medulla
- * Blood Vessel
- * Bone Marrow
- * Brain
- * Epididymis
- * Esophagus
- * Eye
- * Gallbladder
- * Intestine Large, Cecum
- * Intestine Large, Colon
- * Intestine Large, Rectum
- * Intestine Small, Duodenum
- * Intestine Small, Ileum
- * Intestine Small, Jejunum
- * Lymph Node, Mandibular
- * Lymph Node, Mesenteric
- * Nose
- * Pancreas
- * Parathyroid Gland
- * Pituitary Gland
- * Preputial Gland
- * Prostate
- * Seminal Vesicle
- * Skin
- * Testes
- * Thyroid Gland
- * Trachea
- * Urinary Bladder

MISSING

- * Mammary Gland

OBSERVATIONS

- * Harderian Gland
 - * Heart
 - * Islets, Pancreatic
 - * Kidney
 - * Liver
 - [Hepatocellular Adenoma TGLs = 1-10]
 - [Hepatocellular Carcinoma TGLs = 2,3-11+12]
 - [Mixed Cell Focus TGLs = 4,5-13+14]
 - * Lung
 - [Alveolar/Bronchiolar Adenoma TGLs = 6-15]
 - * Salivary Glands
 - * Spleen
 - * Stomach, Forestomach
- Infiltration Cellular
 Cardiomyopathy
 Hyperplasia
 Nephropathy
 Eosinophilic Focus
 Fatty Change
 Hepatocellular Adenoma
 Hepatocellular Carcinoma
 Mixed Cell Focus
- Mononuclear CI, Minimal
 Minimal
 Mild
 Mild
 Minimal
 Multiple
- Alveolar/Bronchiolar Adenoma
 Inflammation
- Chronic, Minimal
- Infiltration Cellular
 Hematopoietic Cell Proliferation
 Inflammation
 Ulcer
- Mononuclear CI, Minimal
 Minimal
 Chronic, Mild
 Mild

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 117

TMT: 5

SEX: Male

DAY ON TEST: 731

DOSE: 125 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900117

ORGAN AND ACCOUNTABLE SITE STATUS

[Ulcer TGLs = 7-16]

* Stomach, Glandular

Epithelium

Hyperplasia

Mild

* Thymus

Atrophy

Moderate

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 118

TMT: 5
 DOSE: 125 mg/kg

SEX: Male
 DISP: Moribund Sacrifice

DAY ON TEST: 655
 HISTO: 0900118

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Seminal Vesicle	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLs = 4-12]		
* Nose	Olfactory Epi Glands, Respirat Epith	Degeneration Hyperplasia Cyst	Minimal Minimal Mild
* Preputial Gland			
	[Cyst TGLs = 3-8]		
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Skin		Ulcer	Moderate
	[Ulcer TGLs = 1,2-10+11]		
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach		Ulcer	Minimal
* Stomach, Glandular	Epithelium	Hyperplasia Inflammation	Minimal Chronic, Minimal
	Epithelium	Necrosis	Minimal
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 119

TMT: 5
 DOSE: 125 mg/kg

SEX: Male
 DISP: Moribund Sacrifice

DAY ON TEST: 716
 HISTO: 0900119

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Prostate
* Seminal Vesicle	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Harderian Gland		Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
		[Eosinophilic Focus TGLs = 6,7-14]	
		[Hepatocellular Adenoma TGLs = 3-11]	
		[Hepatocellular Carcinoma TGLs = 2,4-11+12]	
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Preputial Gland		Cyst	Mild
* Salivary Glands	Duct, Sublingul GI	Hyperplasia	Minimal
* Skin	Subcut Tiss	Inflammation	Chronic, Moderate
		Ulcer	Moderate
		[Inflammation TGLs = 5-13]	
		[Ulcer TGLs = 1-10]	
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Epithelium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 120

TMT: 5
 DOSE: 125 mg/kg

SEX: Male
 DISP: Terminal Sacrifice

DAY ON TEST: 732
 HISTO: 0900120

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Fatty Change	Minimal
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
	[Hepatocellular Adenoma TGLs = 4-12]		
	[Hepatocellular Carcinoma TGLs = 1,2,3,5-10+11+13]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLs = 6-14]		
* Nose		Olfactory Epi	Moderate
		Glands, Respirat Epith	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular		Epithelium	Minimal
		Epithelium	Minimal
* Thymus		Necrosis	Minimal
		Atrophy	Mild
Tooth		Malformation	Mild

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 121

TMT: 5
 DOSE: 125 mg/kg

SEX: Male
 DISP: Terminal Sacrifice

DAY ON TEST: 732
 HISTO: 0900121

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Preputial Gland	* Prostate	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Harderian Gland		Adenoma	
	[Adenoma TGLs = 6-9]		
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Fatty Change	Mild
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	[Hepatocellular Adenoma TGLs = 2,3,4-10+11+12]		
	[Hepatocellular Carcinoma TGLs = 1,5-10+13]		
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands, Respirat Epith	Hyperplasia	Minimal
* Pituitary Gland	Pars Intermed	Adenoma	
* Salivary Glands		Infiltration Cellular	Mononuclear Cl, Minimal
* Stomach, Forestomach		Squamous Cell Papilloma	

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 121

TMT: 5

SEX: Male

DAY ON TEST: 732

DOSE: 125 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900121

ORGAN AND ACCOUNTABLE SITE STATUS

[Squamous Cell Papilloma TGLs = 7-14]

* Thymus

Atrophy

Mild

Tooth

Malformation

Minimal

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 122

TMT: 5
 DOSE: 125 mg/kg

SEX: Male
 DISP: Terminal Sacrifice

DAY ON TEST: 732
 HISTO: 0900122

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Gallbladder | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Pancreas |
| * Parathyroid Gland | * Pituitary Gland | * Preputial Gland | * Prostate |
| * Seminal Vesicle | * Skin | * Stomach, Forestomach | * Testes |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | |
|----------------------|---|-------------------------|
| * Harderian Gland | Hyperplasia | Mild |
| | Infiltration Cellular | Mononuclear CI, Minimal |
| * Islets, Pancreatic | Hyperplasia | Mild |
| * Kidney | Nephropathy | Mild |
| * Liver | Clear Cell Focus | |
| | Eosinophilic Focus | |
| | Hepatoblastoma | Multiple |
| | Hepatocellular Adenoma | Multiple |
| | Hepatocellular Carcinoma | |
| | [Hepatoblastoma TGLs = 1,2-10+11] | |
| | [Hepatocellular Adenoma TGLs = 3,5-12] | |
| | [Hepatocellular Carcinoma TGLs = 4-13] | |
| * Lung | Alveolar/Bronchiolar Carcinoma | |
| | Hepatoblastoma | Metastatic (Liver) |
| | Hepatocellular Carcinoma | Metastatic (Liver) |
| | [Alveolar/Bronchiolar Carcinoma TGLs = 6-14] | |
| | [Hepatocellular Carcinoma TGLs = 7,8,9-15+16] | |
| * Nose | Inflammation | Minimal |
| * Salivary Glands | Infiltration Cellular | Mononuclear CI, Mild |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 122

TMT: 5

SEX: Male

DAY ON TEST: 732

DOSE: 125 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900122

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Glandular	Epithelium	Hyperplasia	Minimal
* Thymus		Atrophy	Mild
Tooth		Malformation	Minimal

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 123

TMT: 5
 DOSE: 125 mg/kg

SEX: Male
 DISP: Moribund Sacrifice

DAY ON TEST: 437
 HISTO: 0900123

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Gallbladder | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Kidney | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Nose | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Preputial Gland | * Prostate | * Salivary Glands | * Seminal Vesicle |
| * Skin | * Spleen | * Stomach, Forestomach | * Testes |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | | |
|----------------------|--|------------------------------|------------------|
| * Harderian Gland | | Adenoma | |
| | [Adenoma TGLs = 1-9] | | |
| * Islets, Pancreatic | | Hyperplasia | Minimal |
| * Liver | | Fatty Change | Mild |
| | | Hepatocellular Adenoma | |
| | | Tension Lipidosis | Mild |
| * Lung | | Alveolar/Bronchiolar Adenoma | |
| | [Alveolar/Bronchiolar Adenoma TGLs = 2-10] | | |
| * Stomach, Glandular | Epithelium | Hyperplasia | Minimal |
| | | Inflammation | Chronic, Minimal |
| | Epithelium | Necrosis | Minimal |
| * Thymus | | Atrophy | Mild |

PRIMARY CAUSE OF DEATH - Harderian Gland Adenoma

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 124

TMT: 5
 DOSE: 125 mg/kg

SEX: Male
 DISP: Terminal Sacrifice

DAY ON TEST: 732
 HISTO: 0900124

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Testes	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Fatty Change	Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Epithelium	Hyperplasia	Minimal
* Thymus		Atrophy	Mild
* Thyroid Gland	Follicular Cel	Adenoma	
	[Adenoma TGLs = 1-3]		
Tooth		Malformation	Minimal

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 125

TMT: 5
 DOSE: 125 mg/kg

SEX: Male
 DISP: Terminal Sacrifice

DAY ON TEST: 731
 HISTO: 0900125

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Gallbladder | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Preputial Gland |
| * Prostate | * Seminal Vesicle | * Skin | * Spleen |
| * Stomach, Forestomach | * Stomach, Glandular | * Testes | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | | |
|----------------------|--|------------------------|-------------------------|
| * Eye | | | |
| | Note: Both optic nerves were missing | | |
| * Harderian Gland | | Hyperplasia | Moderate |
| | [Hyperplasia TGLs = 6-9] | | |
| * Islets, Pancreatic | | Hyperplasia | Mild |
| * Kidney | | Mineralization | Minimal |
| | | Nephropathy | Mild |
| * Liver | | Clear Cell Focus | |
| | | Eosinophilic Focus | |
| | | Fatty Change | Mild |
| | | Hepatocellular Adenoma | Multiple |
| | [Clear Cell Focus TGLs = 3,5-12+14] | | |
| | [Hepatocellular Adenoma TGLs = 1,2,4,7-10+11+13] | | |
| * Nose | Olfactory Epi | Degeneration | Mild |
| | Glands, Respirat Epith | Hyperplasia | Mild |
| * Salivary Glands | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Thymus | | Atrophy | Mild |
| Tooth | | Malformation | Moderate |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 126

TMT: 5

SEX: Male

DAY ON TEST: 732

DOSE: 125 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900126

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Harderian Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Fatty Change	Minimal
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
	[Hepatocellular Adenoma TGLs = 4-12]		
	[Hepatocellular Carcinoma TGLs = 1,2,3,5-10+11+12]		
* Nose	Olfactory Epi	Degeneration	Mild
	Glands, Respirat Epith	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Atrophy	Mild
Tooth		Malformation	Mild

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 127

TMT: 5
 DOSE: 125 mg/kg

SEX: Male
 DISP: Terminal Sacrifice

DAY ON TEST: 731
 HISTO: 0900127

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Medulla | Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Epididymis | * Esophagus | * Eye |
| * Gallbladder | * Harderian Gland | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Preputial Gland |
| * Prostate | * Seminal Vesicle | * Spleen | * Stomach, Forestomach |
| * Stomach, Glandular | * Testes | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | | |
|----------------------|---|------------------------|-------------------------|
| * Adrenal Cortex | | Adenoma | |
| | [Adenoma TGLs = 4-11] | | |
| * Islets, Pancreatic | | Hyperplasia | Minimal |
| * Kidney | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| * Liver | | Clear Cell Focus | |
| | | Eosinophilic Focus | |
| | | Fatty Change | Minimal |
| | | Hepatocellular Adenoma | Multiple |
| | [Eosinophilic Focus TGLs = 6-14] | | |
| | [Hepatocellular Adenoma TGLs = 2,3-11+12] | | |
| * Nose | Olfactory Epi | Degeneration | Mild |
| | Glands, Respirat Epith | Hyperplasia | Mild |
| | | Inflammation | Minimal |
| | | Polyp, Inflammatory | Minimal |
| * Salivary Glands | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Skin | Subcut Tiss | Fibrosarcoma | |
| | Subcut Tiss | Hemangiosarcoma | |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 127

TMT: 5

SEX: Male

DAY ON TEST: 731

DOSE: 125 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900127

ORGAN AND ACCOUNTABLE SITE STATUS

Note: Based on histology, TGL 5 was a neoplasm of the skin rather than skeletal muscle

[Fibrosarcoma TGLs = 1-10]

[Hemangiosarcoma TGLs = 5-13]

* Thymus

Atrophy

Mild

Tooth

Malformation

Moderate

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 128

TMT: 5
 DOSE: 125 mg/kg

SEX: Male
 DISP: Moribund Sacrifice

DAY ON TEST: 598
 HISTO: 0900128

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Gallbladder | * Harderian Gland | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Preputial Gland |
| * Prostate | * Salivary Glands | * Seminal Vesicle | * Skin |
| * Stomach, Forestomach | * Testes | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | | |
|----------------------|---|----------------------------------|----------|
| * Heart | | Cardiomyopathy | Minimal |
| * Islets, Pancreatic | | Hyperplasia | Mild |
| * Kidney | | Nephropathy | Minimal |
| * Liver | | Eosinophilic Focus | |
| | | Hepatocellular Adenoma | |
| | | Necrosis | Mild |
| | | Tension Lipidosis | Minimal |
| | [Eosinophilic Focus TGLs = 6-13] | | |
| | [Hepatocellular Adenoma TGLs = 4-11] | | |
| | [Necrosis TGLs = 5-12] | | |
| * Nose | Glands, Respirat Epith | Hyperplasia | Minimal |
| Skeletal Muscle | | Hemangiosarcoma | |
| | [Hemangiosarcoma TGLs = 3-10] | | |
| * Spleen | | Accessory Spleen | |
| | | Hematopoietic Cell Proliferation | Moderate |
| | [Hematopoietic Cell Proliferation TGLs = 2-4] | | |
| * Stomach, Glandular | Epithelium | Hyperplasia | Minimal |
| | Epithelium | Necrosis | Minimal |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 128

TMT: 5

SEX: Male

DAY ON TEST: 598

DOSE: 125 mg/kg

DISP: Moribund Sacrifice

HISTO: 0900128

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Atrophy

Marked

PRIMARY CAUSE OF DEATH

- Skeletal Muscle Hemangiosarcoma

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 129

TMT: 5
 DOSE: 125 mg/kg

SEX: Male
 DISP: Terminal Sacrifice

DAY ON TEST: 731
 HISTO: 0900129

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Harderian Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Metaplasia	Osseous, Minimal
		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Fatty Change	Minimal
		Hepatoblastoma	
		Hepatocellular Carcinoma	Multiple
	[Hepatocellular Carcinoma TGLs = 1,2-10+11]		
* Nose	Olfactory Epi	Degeneration	Mild
	Glands, Respirat Epith	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Epithelium	Hyperplasia	Minimal
	Epithelium	Necrosis	Minimal
* Thymus		Atrophy	Mild
Tooth		Malformation	Mild

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 130

TMT: 5

SEX: Male

DAY ON TEST: 637

DOSE: 125 mg/kg

DISP: Natural Death

HISTO: 0900130

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Spleen		Hemangiosarcoma	
	[Hemangiosarcoma TGLs = 1-10]		
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH - Spleen Hemangiosarcoma

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 131

TMT: 5
DOSE: 125 mg/kg

SEX: Male
DISP: Natural Death

DAY ON TEST: 617
HISTO: 0900131

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Mild
* Liver		Fatty Change	Minimal
		Hepatocellular Carcinoma	Multiple
	[Hepatocellular Carcinoma TGLs = 1,2,3,4-10+11+12+13]		
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 132

TMT: 5
 DOSE: 125 mg/kg

SEX: Male
 DISP: Terminal Sacrifice

DAY ON TEST: 732
 HISTO: 0900132

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Parathyroid Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Bone		Hyperostosis	Minimal
	[Hyperostosis TGLs = 6-10]		
* Harderian Gland		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Fatty Change	Minimal
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	[Hepatocellular Adenoma TGLs = 1,2,5-11+12]		
	[Hepatocellular Carcinoma TGLs = 3,4-11+12]		
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland		Cyst	Minimal
Tooth		Malformation	Moderate

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 133

TMT: 5
 DOSE: 125 mg/kg

SEX: Male
 DISP: Terminal Sacrifice

DAY ON TEST: 732
 HISTO: 0900133

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Fatty Change	Mild
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
		Hepatocholangiocarcinoma	
	[Hepatocellular Adenoma TGLs = 2-10]		
	[Hepatocellular Carcinoma TGLs = 1,3,5-10+11+12]		
	[Hepatocholangiocarcinoma TGLs = 4-12]		
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands, Respirat Epith	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear Cl, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
	Epithelium	Necrosis	Minimal
* Thymus		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 133

TMT: 5

SEX: Male

DAY ON TEST: 732

DOSE: 125 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900133

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth

Malformation

Mild

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 134

TMT: 5

SEX: Male

DAY ON TEST: 580

DOSE: 125 mg/kg

DISP: Moribund Sacrifice

HISTO: 0900134

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Eye	Cornea	Inflammation	Chronic, Mild
[Inflammation TGLs = 2-9]			
* Harderian Gland		Adenoma	
[Adenoma TGLs = 3-9]			
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
[Fatty Change TGLs = 1-3+4+5+10]		Fatty Change	Mild
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands, Respirat Epith	Hyperplasia	Minimal
		Inflammation	Minimal
* Stomach, Glandular	Epithelium	Hyperplasia	Minimal
	Epithelium	Necrosis	Minimal
* Thymus		Atrophy	Mild
Tooth		Malformation	Moderate

PRIMARY CAUSE OF DEATH - Harderian Gland Adenoma

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 135

TMT: 5
 DOSE: 125 mg/kg

SEX: Male
 DISP: Moribund Sacrifice

DAY ON TEST: 655
 HISTO: 0900135

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Gallbladder | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Nose |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Prostate |
| * Salivary Glands | * Seminal Vesicle | * Testes | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | | |
|------------------------------------|-------------------------|----------------------------------|---------------------------------|
| * Harderian Gland | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Islets, Pancreatic | | Hyperplasia | Minimal |
| * Kidney | | Nephropathy | Mild |
| * Liver | | Hepatocellular Carcinoma | Multiple |
| [Hepatocellular Carcinoma | TGLs = 2,3,8-10+11+14] | | |
| * Lung | | Carcinoma | Metastatic (Stomach, Glandular) |
| | | Hepatocellular Carcinoma | Metastatic (Liver) |
| | | Thrombosis | Mild |
| [Hepatocellular Carcinoma | TGLs = 5-13] | | |
| * Preputial Gland | | Cyst | Mild |
| * Skin | | Ulcer | Moderate |
| [Ulcer | TGLs = 4-12] | | |
| * Spleen | | Hematopoietic Cell Proliferation | Mild |
| [Hematopoietic Cell Proliferation | TGLs = 1-4] | | |
| * Stomach, Forestomach | | Ulcer | Moderate |
| [Ulcer | TGLs = 6-14] | | |
| * Stomach, Glandular | | Carcinoma | |
| | Epithelium | Hyperplasia | Minimal |
| | Epithelium | Necrosis | Minimal |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 135

TMT: 5

SEX: Male

DAY ON TEST: 655

DOSE: 125 mg/kg

DISP: Moribund Sacrifice

HISTO: 0900135

ORGAN AND ACCOUNTABLE SITE STATUS

[Carcinoma TGLs = 7-15]

* Thymus

Atrophy

Marked

Tooth

Malformation

Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH - Stomach, Glandular Carcinoma

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 136

TMT: 5

SEX: Male

DAY ON TEST: 702

DOSE: 125 mg/kg

DISP: Moribund Sacrifice

HISTO: 0900136

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mandibular	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Lymph Node, Mesenteric	* Mammary Gland
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OBSERVATIONS

* Gallbladder	Carcinoma	Metastatic (Pancreas)
* Harderian Gland	Adenoma	
[Adenoma TGLs = 11-9]		
* Islets, Pancreatic	Hyperplasia	Minimal
* Kidney	Mineralization	Minimal
	Nephropathy	Minimal
* Liver	Eosinophilic Focus	
	Hepatoblastoma	Multiple
	Hepatocellular Carcinoma	Multiple
[Eosinophilic Focus TGLs = 10-16]		
[Hepatoblastoma TGLs = 2,4-11+12]		
[Hepatocellular Carcinoma TGLs = 1,3-10+12]		
* Lung	Hepatocellular Carcinoma	Metastatic (Liver)
[Hepatocellular Carcinoma TGLs = 5,6,7,8-13+14]		
* Nose	Glands, Respirat Epith	Hyperplasia
* Pancreas	Carcinoma	Minimal
Note: TGL 9 is in the pancreas, not mesentery.		
[Carcinoma TGLs = 9-15]		
* Salivary Glands	Infiltration Cellular	Mononuclear CI, Minimal

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 136

TMT: 5

SEX: Male

DAY ON TEST: 702

DOSE: 125 mg/kg

DISP: Moribund Sacrifice

HISTO: 0900136

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Hematopoietic Cell Proliferation	Mild
* Thymus	Atrophy	Marked
Tooth	Malformation	Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

CONTRIBUTORY CAUSE OF DEATH - Pancreas Carcinoma

TDMS No. 20006 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol

CAS Number: 700-06-1

Date Report Requested: 03/25/2010

Time Report Requested: 12:07:47

First Dose M/F: 04/03/07 / 04/02/07

Lab: BAT

ANIMAL NUM: 137

TMT: 5

SEX: Male

DAY ON TEST: 730

DOSE: 125 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900137

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Cortex
- * Adrenal Medulla
- * Bone Marrow
- * Brain
- * Eye
- * Gallbladder
- * Intestine Large, Rectum
- * Intestine Small, Duodenum
- * Lymph Node, Mandibular
- * Lymph Node, Mesenteric
- * Parathyroid Gland
- * Pituitary Gland
- * Skin
- * Testes
- * Urinary Bladder
- Blood Vessel
- * Epididymis
- * Intestine Large, Cecum
- * Intestine Small, Ileum
- * Nose
- * Prostate
- * Thyroid Gland
- * Bone
- * Esophagus
- * Intestine Large, Colon
- * Lung
- * Pancreas
- * Seminal Vesicle
- * Trachea

MISSING

- * Mammary Gland

OBSERVATIONS

- * Harderian Gland
- * Heart
- * Intestine Small, Jejunum
- * Islets, Pancreatic
- * Kidney
- * Liver
- [Hepatocellular Carcinoma TGLs = 1,2,3,4,5-10+11+12+13+14]
- [Necrosis TGLs = 6-14]
- * Preputial Gland
- * Salivary Glands
- * Spleen
- * Stomach, Forestomach
- [Hyperplasia TGLs = 7-15]
- * Stomach, Glandular
- Infiltration Cellular
- Cardiomyopathy
- Hyperplasia
- Hyperplasia
- Nephropathy
- Clear Cell Focus
- Fatty Change
- Hepatocellular Carcinoma
- Necrosis
- Cyst
- Infiltration Cellular
- Hematopoietic Cell Proliferation
- Hyperplasia
- Inflammation
- Hyperplasia
- Inflammation
- Mononuclear CI, Minimal
- Minimal
- Mild
- Minimal
- Mild
- Minimal
- Multiple
- Mild
- Mild
- Minimal
- Mononuclear CI, Mild
- Minimal
- Mild
- Chronic, Mild
- Minimal
- Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 137

TMT: 5

SEX: Male

DAY ON TEST: 730

DOSE: 125 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900137

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus	Epithelium	Necrosis	Minimal
		Atrophy	Moderate

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 138

TMT: 5
 DOSE: 125 mg/kg

SEX: Male
 DISP: Terminal Sacrifice

DAY ON TEST: 731
 HISTO: 0900138

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Seminal Vesicle
* Skin	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	[Hepatocellular Adenoma TGLs = 3,5-11+13]		
	[Hepatocellular Carcinoma TGLs = 1,2,4-10+12]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Nose		Inflammation	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Ulcer	Moderate
	[Ulcer TGLs = 6-14]		
* Stomach, Glandular	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
	Epithelium	Necrosis	Minimal
* Thymus		Atrophy	Marked
Tooth		Malformation	Moderate

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol

CAS Number: 700-06-1

Date Report Requested: 03/25/2010

Time Report Requested: 12:07:47

First Dose M/F: 04/03/07 / 04/02/07

Lab: BAT

ANIMAL NUM: 139

TMT: 5

SEX: Male

DAY ON TEST: 695

DOSE: 125 mg/kg

DISP: Natural Death

HISTO: 0900139

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Gallbladder | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Nose |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Preputial Gland |
| * Prostate | * Salivary Glands | * Seminal Vesicle | * Skin |
| * Stomach, Glandular | * Testes | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | | |
|------------------------|--|----------------------------------|-------------------------|
| * Harderian Gland | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Heart | | Cardiomyopathy | Minimal |
| * Kidney | | Nephropathy | Minimal |
| * Liver | | Eosinophilic Focus | |
| | | Hepatocellular Adenoma | |
| | | Hepatocellular Carcinoma | Multiple |
| | [Eosinophilic Focus TGLs = 7-15] | | |
| | [Hepatocellular Adenoma TGLs = 3-12] | | |
| | [Hepatocellular Carcinoma TGLs = 4,5,6-12+13+14] | | |
| * Lung | | Alveolar/Bronchiolar Carcinoma | |
| | | Hepatocellular Carcinoma | Metastatic (Liver) |
| | [Alveolar/Bronchiolar Carcinoma TGLs = 1-10] | | |
| | [Hepatocellular Carcinoma TGLs = 2-11] | | |
| * Spleen | | Hematopoietic Cell Proliferation | Minimal |
| * Stomach, Forestomach | Epithelium | Hyperplasia | Mild |
| | | Inflammation | Chronic, Minimal |
| * Thymus | | Atrophy | Marked |
| Tooth | | Malformation | Minimal |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 139

TMT: 5

SEX: Male

DAY ON TEST: 695

DOSE: 125 mg/kg

DISP: Natural Death

HISTO: 0900139

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma
CONTRIBUTORY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Carcinoma

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 140

TMT: 5
 DOSE: 125 mg/kg

SEX: Male
 DISP: Terminal Sacrifice

DAY ON TEST: 731
 HISTO: 0900140

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland * Thymus

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Harderian Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Fatty Change	Mild
		Hepatocellular Carcinoma	
		Mixed Cell Focus	
	[Hepatocellular Carcinoma TGLs = 1-10]		
	[Mixed Cell Focus TGLs = 2-11]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolar Epith	Hyperplasia	Mild
	[Alveolar/Bronchiolar Carcinoma TGLs = 3-12]		
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands, Respirat Epith	Hyperplasia	Minimal
* Prostate		Hyperplasia	Minimal
Tooth		Malformation	Moderate

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 141

TMT: 5
 DOSE: 125 mg/kg

SEX: Male
 DISP: Terminal Sacrifice

DAY ON TEST: 732
 HISTO: 0900141

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Stomach, Forestomach	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Fatty Change	Minimal
		Hepatocellular Carcinoma	Multiple
		Mixed Cell Focus	
	[Hepatocellular Carcinoma TGLs = 2,3,5-11+12]		
	[Mixed Cell Focus TGLs = 4,6-12]		
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands, Respirat Epith	Hyperplasia	Minimal
* Skin	Subcut Tiss	Fibrosarcoma	
	[Fibrosarcoma TGLs = 1-10]		
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Epithelium	Hyperplasia	Minimal
	Epithelium	Necrosis	Minimal
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 142

TMT: 5
 DOSE: 125 mg/kg

SEX: Male
 DISP: Terminal Sacrifice

DAY ON TEST: 731
 HISTO: 0900142

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Angiectasis	Mild
		Clear Cell Focus	
		Eosinophilic Focus	
		Fatty Change	Mild
		Hepatocellular Carcinoma	Multiple
		Mixed Cell Focus	
	[Clear Cell Focus TGLs = 3,5-11+12]		
	[Hepatocellular Carcinoma TGLs = 1,2,4-10+11+12]		
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands, Respirat Epith	Hyperplasia	Minimal
* Prostate		Inflammation	Chronic, Minimal
* Thymus		Atrophy	Mild
Tooth		Malformation	Moderate

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 143

TMT: 5
 DOSE: 125 mg/kg

SEX: Male
 DISP: Moribund Sacrifice

DAY ON TEST: 697
 HISTO: 0900143

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Seminal Vesicle	* Skin	* Spleen	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Fatty Change	Mild
		Hepatocellular Carcinoma	Multiple
		Mixed Cell Focus	
	[Fatty Change TGLs = 3-3+4+5+10+11+12]		
	[Hepatocellular Carcinoma TGLs = 1,2-10+11]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLs = 4-11]		
* Nose		Olfactory Epi	Minimal
		Glands, Respirat Epith	Minimal
		Inflammation	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Forestomach		Ulcer	Moderate
* Stomach, Glandular		Hyperplasia	Minimal
	Epithelium	Inflammation	Chronic, Minimal
	Epithelium	Necrosis	Minimal

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 143

TMT: 5

SEX: Male

DAY ON TEST: 697

DOSE: 125 mg/kg

DISP: Moribund Sacrifice

HISTO: 0900143

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Atrophy

Marked

Tooth

Malformation

Marked

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 144

TMT: 5
 DOSE: 125 mg/kg

SEX: Male
 DISP: Terminal Sacrifice

DAY ON TEST: 732
 HISTO: 0900144

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Seminal Vesicle	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Mild
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Fatty Change	Minimal
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLs = 2,3-11+12]		
	[Hepatocellular Carcinoma TGLs = 4-13]		
* Salivary Glands		Infiltration Cellular	Mononuclear Cl, Minimal
* Skin	Subcut Tiss	Inflammation	Chronic, Mild
	[Inflammation TGLs = 1-10]		
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic, Mild
* Stomach, Glandular	Epithelium	Hyperplasia	Minimal
	Epithelium	Necrosis	Minimal

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 144

TMT: 5

SEX: Male

DAY ON TEST: 732

DOSE: 125 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900144

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Atrophy

Marked

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 145

TMT: 5

SEX: Male

DAY ON TEST: 567

DOSE: 125 mg/kg

DISP: Natural Death

HISTO: 0900145

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Gallbladder | * Harderian Gland | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Nose | * Pancreas | * Parathyroid Gland |
| * Pituitary Gland | * Preputial Gland | * Prostate | * Seminal Vesicle |
| * Skin | * Stomach, Glandular | * Testes | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | | |
|------------------------|--|----------------------------------|-------------------------|
| * Heart | | Cardiomyopathy | Minimal |
| * Liver | | Hepatocellular Carcinoma | |
| | [Hepatocellular Carcinoma TGLs = 1-10] | | |
| * Lung | | Hepatocellular Carcinoma | Metastatic (Liver) |
| | [Hepatocellular Carcinoma TGLs = 2-11] | | |
| * Salivary Glands | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Spleen | | Hematopoietic Cell Proliferation | Mild |
| * Stomach, Forestomach | | Ulcer | Moderate |
| | [Ulcer TGLs = 3-12] | | |
| * Thymus | | Atrophy | Marked |
| Tooth | | Malformation | Minimal |

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 146

TMT: 5
DOSE: 125 mg/kg

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 732
HISTO: 0900146

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Cyst	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Fatty Change	Mild
		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	
	[Eosinophilic Focus TGLs = 5-14]		
	[Hepatocellular Adenoma TGLs = 1,2,4-10+11+13]		
	[Mixed Cell Focus TGLs = 3-12]		
* Nose	Olfactory Epi	Degeneration	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Atrophy	Mild
Tooth		Malformation	Minimal

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 147

TMT: 5

SEX: Male

DAY ON TEST: 731

DOSE: 125 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900147

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Renal Tubule	Cyst	Mild
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Fatty Change	Minimal
		Hepatocellular Carcinoma	
		Mixed Cell Focus	
	[Eosinophilic Focus TGLs = 2,3-11+12]		
	[Hepatocellular Carcinoma TGLs = 1-10]		
* Nose	Olfactory Epi	Degeneration	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Atrophy	Mild
Tooth		Malformation	Moderate

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 148

TMT: 5
 DOSE: 125 mg/kg

SEX: Male
 DISP: Terminal Sacrifice

DAY ON TEST: 731
 HISTO: 0900148

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Angiectasis	Mild
		Eosinophilic Focus	
		Fatty Change	Minimal
		Hepatocellular Carcinoma	Multiple
	[Eosinophilic Focus TGLs = 4,5-10+11]		
	[Hepatocellular Carcinoma TGLs = 1,2,3-10+11]		
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Epithelium	Hyperplasia	Minimal
	Epithelium	Necrosis	Minimal
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 149

TMT: 5
 DOSE: 125 mg/kg

SEX: Male
 DISP: Terminal Sacrifice

DAY ON TEST: 732
 HISTO: 0900149

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Fatty Change	Minimal
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
		Tension Lipidosis	Minimal
	[Hepatocellular Adenoma TGLs = 5-13]		
	[Hepatocellular Carcinoma TGLs = 1,2,3,4-10+11+12]		
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands, Respirat Epith	Hyperplasia	Minimal
* Stomach, Glandular		Inflammation	Chronic, Minimal
	Epithelium	Necrosis	Minimal
* Thymus		Atrophy	Marked
Tooth		Malformation	Minimal

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 150

TMT: 5

SEX: Male

DAY ON TEST: 732

DOSE: 125 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900150

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Eye	Cornea	Inflammation	Chronic, Minimal
* Harderian Gland		Adenoma	
	[Adenoma TGLs = 1-9]		
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Nephropathy	Mild
* Liver		Angiectasis	Minimal
		Fatty Change	Mild
		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLs = 3-10]	Mixed Cell Focus	
* Nose	Olfactory Epi	Degeneration	Mild
	Glands, Respirat Epith	Hyperplasia	Minimal
		Inflammation	Minimal
* Preputial Gland		Cyst	Mild
	[Cyst TGLs = 2-8]		
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Atrophy	Mild
Tooth		Malformation	Moderate

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 151

TMT: 7
 DOSE: 250 mg/kg

SEX: Male
 DISP: Terminal Sacrifice

DAY ON TEST: 732
 HISTO: 0900151

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney	Renal Tubule	Cyst	Minimal
		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Fatty Change	Minimal
		Hepatoblastoma	Multiple
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
	[Hepatoblastoma TGLs = 2,4-10+12]		
	[Hepatocellular Carcinoma TGLs = 3,5,6-11+13]		
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
	Epithelium	Necrosis	Minimal
* Testes	Interstit Cell	Adenoma	
	[Adenoma TGLs = 1-7]		
* Thymus		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 152

TMT: 7
 DOSE: 250 mg/kg

SEX: Male
 DISP: Terminal Sacrifice

DAY ON TEST: 730
 HISTO: 0900152

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	Lymph Node	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Testes	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Fatty Change	Minimal
		Hepatoblastoma	
		Hepatocellular Carcinoma	Multiple
	Bile Duct	Hyperplasia	Moderate
	[Hepatoblastoma TGLs = 3-11]		
	[Hepatocellular Carcinoma TGLs = 4,5,6,7-12+13+14+15]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLs = 1-10]		
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
	Epithelium	Necrosis	Minimal

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 152

TMT: 7

SEX: Male

DAY ON TEST: 730

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900152

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Atrophy

Marked

* Thyroid Gland

Follicular Cel

Adenoma

[Adenoma TGLs = 2-3]

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 153

TMT: 7
 DOSE: 250 mg/kg

SEX: Male
 DISP: Terminal Sacrifice

DAY ON TEST: 731
 HISTO: 0900153

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Harderian Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Angiectasis	Mild
		Clear Cell Focus	
		Fatty Change	Mild
		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	
	[Hepatocellular Adenoma TGLs = 1,2,3-10+11+12]		
	[Mixed Cell Focus TGLs = 4-12]		
* Nose	Olfactory Epi	Degeneration	Mild
	Glands, Respirat Epith	Hyperplasia	Mild
* Stomach, Glandular	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
	Epithelium	Necrosis	Minimal
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 154

TMT: 7
 DOSE: 250 mg/kg

SEX: Male
 DISP: Terminal Sacrifice

DAY ON TEST: 731
 HISTO: 0900154

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Fatty Change	Mild
		Hepatocellular Adenoma	Multiple
		Hepatocholangiocarcinoma	
	[Hepatocellular Adenoma TGLs = 2,3-11]		
	[Hepatocholangiocarcinoma TGLs = 1-10]		
* Nose	Olfactory Epi	Degeneration	Mild
	Glands, Respirat Epith	Hyperplasia	Mild
* Stomach, Glandular	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
	Epithelium	Necrosis	Minimal
* Thymus		Atrophy	Mild
Tooth		Malformation	Minimal

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 155

TMT: 7
 DOSE: 250 mg/kg

SEX: Male
 DISP: Terminal Sacrifice

DAY ON TEST: 731
 HISTO: 0900155

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Eye	Optic Nerve	Degeneration	Moderate
* Harderian Gland		Hyperplasia	Mild
* Intestine Small, Duodenum		Carcinoma	
	[Carcinoma TGLs = 6,7-14+15]		
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Carcinoma	Metastatic (Intestine Small, Duodenum)
		Eosinophilic Focus	
		Fatty Change	Mild
		Hepatocellular Adenoma	Multiple
	[Carcinoma TGLs = 2-11]		
	[Fatty Change TGLs = 5-3+4+5+10+11+12+13]		
	[Hepatocellular Adenoma TGLs = 1,3,4-10+12]		
* Nose	Nerve	Atrophy	Mild
	Olfactory Epi	Degeneration	Moderate
	Glands, Respirat Epith	Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 155

TMT: 7

SEX: Male

DAY ON TEST: 731

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900155

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Atrophy

Marked

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 156

TMT: 7
 DOSE: 250 mg/kg

SEX: Male
 DISP: Terminal Sacrifice

DAY ON TEST: 730
 HISTO: 0900156

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Gallbladder | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Preputial Gland |
| * Prostate | * Seminal Vesicle | * Skin | * Spleen |
| * Stomach, Forestomach | * Testes | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

MISSING

- | | |
|-----------------|----------|
| * Mammary Gland | * Thymus |
|-----------------|----------|

OBSERVATIONS

- | | | | |
|----------------------|--|--------------------------------|-------------------------|
| * Harderian Gland | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Kidney | | Metaplasia | Osseous, Minimal |
| | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| * Liver | | Eosinophilic Focus | |
| | | Fatty Change | Mild |
| | | Hepatocellular Adenoma | Multiple |
| | | Hepatocellular Carcinoma | |
| | [Hepatocellular Adenoma TGLs = 2,3,4,5-11+12+13] | | |
| | [Hepatocellular Carcinoma TGLs = 6-13] | | |
| * Lung | | Alveolar/Bronchiolar Carcinoma | |
| | [Alveolar/Bronchiolar Carcinoma TGLs = 1-10] | | |
| * Nose | | Inflammation | Minimal |
| * Salivary Glands | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Stomach, Glandular | Epithelium | Hyperplasia | Mild |
| | | Inflammation | Chronic, Minimal |
| | Epithelium | Necrosis | Minimal |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 157

TMT: 7

SEX: Male

DAY ON TEST: 730

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900157

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Fatty Change	Mild
		Hepatocellular Adenoma	Multiple
	[Clear Cell Focus TGLs = 3-11]		
	[Hepatocellular Adenoma TGLs = 1,2-10]		
* Stomach, Glandular	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
	Epithelium	Necrosis	Minimal
* Thymus		Atrophy	Moderate
Tooth		Malformation	Minimal

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 158

TMT: 7

SEX: Male

DAY ON TEST: 721

DOSE: 250 mg/kg

DISP: Moribund Sacrifice

HISTO: 0900158

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland	* Parathyroid Gland	* Thymus
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OBSERVATIONS

* Islets, Pancreatic	Hyperplasia	Moderate
* Kidney	Nephropathy	Minimal
* Liver	Basophilic Focus	
	Fatty Change	Mild
	Hepatocellular Adenoma	Multiple
	Hepatocellular Carcinoma	Multiple
	Necrosis	Mild
	Tension Lipidosis	Minimal

[Hepatocellular Adenoma TGLs = 5,6-13]

[Hepatocellular Carcinoma TGLs = 1,2-10+11]

[Necrosis TGLs = 3-12]

* Lung

Note: No corresponding microscopic finding for nodule of lung identified at tissue trim. (TGL 7). The apparent nodule was in fact a "floater" piece of tissue.

Mesentery

Fat

Necrosis

Mild

[Necrosis TGLs = 4-12]

* Nose

Olfactory Epi

Degeneration

Minimal

Glands, Respirat Epith

Hyperplasia

Minimal

* Spleen

Atrophy

Mild

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 158

TMT: 7

SEX: Male

DAY ON TEST: 721

DOSE: 250 mg/kg

DISP: Moribund Sacrifice

HISTO: 0900158

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
	Epithelium	Necrosis	Mild
Tooth		Malformation	Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 159

TMT: 7
 DOSE: 250 mg/kg

SEX: Male
 DISP: Terminal Sacrifice

DAY ON TEST: 732
 HISTO: 0900159

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Harderian Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Fatty Change	Mild
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	[Hepatocellular Adenoma TGLs = 2,3,4-11+12]		
	[Hepatocellular Carcinoma TGLs = 1,6-10+13]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLs = 5-13]		
* Nose		Inflammation	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
	Epithelium	Necrosis	Minimal
* Thymus		Atrophy	Moderate
Tooth		Malformation	Minimal

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 160

TMT: 7

SEX: Male

DAY ON TEST: 732

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900160

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Fatty Change	Mild
		Hemangioma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	[Hemangioma TGLs = 3-11]		
	[Hepatocellular Adenoma TGLs = 1,2-10+11]		
	[Hepatocellular Carcinoma TGLs = 4-12]		
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands, Respirat Epith	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
	Epithelium	Necrosis	Minimal
* Thymus		Atrophy	Marked
Tooth		Malformation	Mild

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 161

TMT: 7
 DOSE: 250 mg/kg

SEX: Male
 DISP: Terminal Sacrifice

DAY ON TEST: 732
 HISTO: 0900161

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	[Eosinophilic Focus TGLs = 5-14]		
	[Hepatocellular Adenoma TGLs = 3,4-12+13]		
	[Hepatocellular Carcinoma TGLs = 1,2-10+11]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
	[Hepatocellular Carcinoma TGLs = 6-15]		
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
	Epithelium	Necrosis	Minimal
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol

CAS Number: 700-06-1

Date Report Requested: 03/25/2010

Time Report Requested: 12:07:47

First Dose M/F: 04/03/07 / 04/02/07

Lab: BAT

ANIMAL NUM: 162

TMT: 7

SEX: Male

DAY ON TEST: 732

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900162

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

- * Mammary Gland

OBSERVATIONS

* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Harderian Gland		Infiltration Cellular	Mononuclear CI, Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
* Liver		Eosinophilic Focus	
		Hepatoblastoma	Multiple
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		[Hepatoblastoma TGLs = 1,3-10+12]	
		[Hepatocellular Adenoma TGLs = 4,5-13+14]	
		[Hepatocellular Carcinoma TGLs = 2-11]	
* Lung		Hepatoblastoma	Metastatic (Liver)
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands, Respirat Epith	Hyperplasia	Minimal
* Preputial Gland		Inflammation	Granulomatous, Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Epithelium	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 162

TMT: 7

SEX: Male

DAY ON TEST: 732

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900162

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Chronic, Minimal
	Epithelium	Necrosis	Minimal
* Testes	Germinal Epith	Atrophy	Mild
* Thymus		Atrophy	Marked

TDMS No. 20006 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol

CAS Number: 700-06-1

Date Report Requested: 03/25/2010

Time Report Requested: 12:07:47

First Dose M/F: 04/03/07 / 04/02/07

Lab: BAT

ANIMAL NUM: 163

TMT: 7

SEX: Male

DAY ON TEST: 731

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900163

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Gallbladder | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Preputial Gland |
| * Prostate | * Seminal Vesicle | * Skin | * Stomach, Forestomach |
| * Testes | * Thyroid Gland | * Trachea | * Urinary Bladder |

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | | |
|----------------------|---|----------------------------------|-------------------------|
| * Harderian Gland | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Islets, Pancreatic | | Hyperplasia | Minimal |
| * Kidney | | Mineralization | Minimal |
| | | Nephropathy | Minimal |
| * Liver | | Hepatoblastoma | Multiple |
| | | Hepatocellular Adenoma | Multiple |
| | [Hepatoblastoma TGLs = 2,3-10+11] | | |
| | [Hepatocellular Adenoma TGLs = 1,4,5-10+12] | | |
| * Nose | Nerve | Atrophy | Mild |
| | Olfactory Epi | Degeneration | Moderate |
| | Glands, Respirat Epith | Hyperplasia | Moderate |
| | | Inflammation | Minimal |
| * Salivary Glands | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Spleen | | Hematopoietic Cell Proliferation | Moderate |
| * Stomach, Glandular | Epithelium | Hyperplasia | Minimal |
| | | Inflammation | Chronic, Minimal |
| | Epithelium | Necrosis | Minimal |
| * Thymus | | Atrophy | Marked |
| Tooth | | Malformation | Minimal |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 164

TMT: 7
 DOSE: 250 mg/kg

SEX: Male
 DISP: Terminal Sacrifice

DAY ON TEST: 731
 HISTO: 0900164

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Pituitary Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland
-----------------	---------------------

OBSERVATIONS

* Epididymis	Granuloma Sperm	Moderate
[Granuloma Sperm TGLs = 1-10]		
* Eye		
Note: Both optic nerves were missing		
* Harderian Gland	Infiltration Cellular	Mononuclear CI, Minimal
* Kidney	Mineralization	Minimal
	Nephropathy	Minimal
* Liver	Eosinophilic Focus	
	Fatty Change	Minimal
	Hepatocellular Adenoma	Multiple
	Hepatocellular Carcinoma	Multiple
[Eosinophilic Focus TGLs = 9-15]		
[Hepatocellular Adenoma TGLs = 2,3,6-10+11+14]		
[Hepatocellular Carcinoma TGLs = 4,5-12+13]		
* Lung	Alveolar/Bronchiolar Adenoma	
	Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Adenoma TGLs = 7-14]		
[Alveolar/Bronchiolar Carcinoma TGLs = 8-15]		
* Nose	Inflammation	Minimal
* Preputial Gland	Inflammation	Granulomatous, Mild

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 164

TMT: 7
DOSE: 250 mg/kg

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 731
HISTO: 0900164

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic, Mild
* Stomach, Glandular	Epithelium	Hyperplasia	Mild
	Epithelium	Necrosis	Minimal
* Testes	Germinal Epith	Atrophy	Minimal
* Thymus		Atrophy	Moderate

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 165

TMT: 7
 DOSE: 250 mg/kg

SEX: Male
 DISP: Terminal Sacrifice

DAY ON TEST: 732
 HISTO: 0900165

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Eye			
	Note: Both optic nerves were missing		
* Harderian Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Fatty Change	Minimal
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	[Hepatocellular Adenoma TGLs = 3,6-12+14]		
	[Hepatocellular Carcinoma TGLs = 1,2,4,5-10+11+13]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Nose		Inflammation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
	Epithelium	Necrosis	Minimal
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 166

TMT: 7
 DOSE: 250 mg/kg

SEX: Male
 DISP: Moribund Sacrifice

DAY ON TEST: 694
 HISTO: 0900166

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Nose |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Prostate |
| * Seminal Vesicle | * Skin | * Stomach, Forestomach | * Testes |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | |
|--|--|-------------------------|
| * Gallbladder
[Atrophy TGLs = 4-3] | Atrophy | Minimal |
| * Harderian Gland | Infiltration Cellular | Mononuclear CI, Minimal |
| * Kidney
[Nephropathy TGLs = 3-4] | Nephropathy | Marked |
| * Liver

[Basophilic Focus TGLs = 6-11]
[Hepatocellular Adenoma TGLs = 5,8-10+11]
[Hepatocellular Carcinoma TGLs = 7-12] | Basophilic Focus
Clear Cell Focus
Eosinophilic Focus
Fatty Change
Hepatocellular Adenoma
Hepatocellular Carcinoma | Minimal
Multiple |
| * Lung | Alveolar/Bronchiolar Adenoma | |
| * Preputial Gland
[Cyst TGLs = 1-8] | Cyst | Mild |
| * Salivary Glands | Infiltration Cellular | Mononuclear CI, Minimal |
| * Spleen | Histiocytic Sarcoma | |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 166

TMT: 7

SEX: Male

DAY ON TEST: 694

DOSE: 250 mg/kg

DISP: Moribund Sacrifice

HISTO: 0900166

ORGAN AND ACCOUNTABLE SITE STATUS

[Histiocytic Sarcoma TGLs = 2-4]

* Stomach, Glandular

Epithelium

Hyperplasia

Mild

Inflammation

Chronic, Minimal

Epithelium

Necrosis

Minimal

* Thymus

Atrophy

Marked

PRIMARY CAUSE OF DEATH

- Kidney Nephropathy

CONTRIBUTORY CAUSE OF DEATH

- Spleen Histiocytic Sarcoma

TDMS No. 20006 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol

CAS Number: 700-06-1

Date Report Requested: 03/25/2010

Time Report Requested: 12:07:47

First Dose M/F: 04/03/07 / 04/02/07

Lab: BAT

ANIMAL NUM: 167

TMT: 7

SEX: Male

DAY ON TEST: 730

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900167

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Gallbladder | * Harderian Gland | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Lung | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Preputial Gland | * Prostate | * Seminal Vesicle | * Skin |
| * Stomach, Forestomach | * Testes | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | | |
|----------------------|--|----------------------------------|-------------------------|
| * Islets, Pancreatic | | Hyperplasia | Mild |
| * Kidney | | Nephropathy | Minimal |
| * Liver | | Clear Cell Focus | |
| | | Eosinophilic Focus | |
| | | Fatty Change | Mild |
| | | Hepatoblastoma | Multiple |
| | | Hepatocellular Adenoma | Multiple |
| | | Hepatocellular Carcinoma | Multiple |
| | | Mixed Cell Focus | |
| | [Hepatoblastoma TGLs = 5,6-14+15] | | |
| | [Hepatocellular Adenoma TGLs = 1-10] | | |
| | [Hepatocellular Carcinoma TGLs = 2,3,4-11+12+13] | | |
| * Nose | Olfactory Epi | Degeneration | Minimal |
| | Glands, Respirat Epith | Hyperplasia | Minimal |
| * Salivary Glands | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Spleen | | Hematopoietic Cell Proliferation | Minimal |
| * Stomach, Glandular | Epithelium | Hyperplasia | Mild |
| | | Inflammation | Chronic, Minimal |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 167

TMT: 7

SEX: Male

DAY ON TEST: 730

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900167

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus	Epithelium	Necrosis Atrophy	Minimal Mild
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TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 168

TMT: 7

SEX: Male

DAY ON TEST: 653

DOSE: 250 mg/kg

DISP: Moribund Sacrifice

HISTO: 0900168

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Moderate
* Liver		Hepatocellular Carcinoma	Multiple
		Hepatodiaphragmatic Nodule	
	[Hepatocellular Carcinoma TGLs = 1,3-10+12]		
	[Hepatodiaphragmatic Nodule TGLs = 2-11]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands, Respirat Epith	Hyperplasia	Minimal
* Stomach, Glandular	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
	Epithelium	Necrosis	Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 169

TMT: 7

SEX: Male

DAY ON TEST: 732

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900169

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Prostate	* Seminal Vesicle
* Skin	* Stomach, Forestomach	* Testes	* Trachea
* Urinary Bladder			

MISSING

* Gallbladder	* Mammary Gland
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OBSERVATIONS

* Intestine Small, Duodenum [Polyp Adenomatous TGLs = 4-11]	Polyp Adenomatous	
* Islets, Pancreatic	Hyperplasia	Minimal
* Kidney	Nephropathy	Minimal
* Liver	Clear Cell Focus	
	Eosinophilic Focus	
	Fatty Change	Mild
	Hepatocellular Adenoma	Multiple
	Hepatocellular Carcinoma	Multiple
	[Hepatocellular Adenoma TGLs = 6,7-10+12]	
	[Hepatocellular Carcinoma TGLs = 2,5-10+11]	
* Nose	Olfactory Epi	Mild
	Glands, Respirat Epith	Mild
	Inflammation	Minimal
* Preputial Gland [Cyst TGLs = 1-8]	Degeneration	Mild
	Cyst	Mild
* Salivary Glands	Infiltration Cellular	Mononuclear CI, Minimal
* Spleen	Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Epithelium	Mild
	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 169

TMT: 7

SEX: Male

DAY ON TEST: 732

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900169

ORGAN AND ACCOUNTABLE SITE STATUS

	Epithelium	Inflammation	Chronic, Minimal
* Thymus		Necrosis	Minimal
* Thyroid Gland	Follicular Cel	Atrophy	Mild
[Carcinoma TGLs = 3-3]		Carcinoma	
Tooth		Malformation	Moderate

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 170

TMT: 7

SEX: Male

DAY ON TEST: 596

DOSE: 250 mg/kg

DISP: Moribund Sacrifice

HISTO: 0900170

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Fatty Change	Mild
		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	
	[Hepatocellular Adenoma TGLs = 1,2-10+11]		
	[Mixed Cell Focus TGLs = 3-11]		
* Nose	Olfactory Epi	Degeneration	Moderate
		Inflammation	Moderate
* Preputial Gland		Cyst	Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
	Epithelium	Necrosis	Minimal
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 171

TMT: 7
 DOSE: 250 mg/kg

SEX: Male
 DISP: Terminal Sacrifice

DAY ON TEST: 731
 HISTO: 0900171

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Prostate	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Fatty Change	Minimal
		Hepatocellular Carcinoma	Multiple
	[Hepatocellular Carcinoma TGLs = 2,3,4,5,6-10+11+12+13]		
* Preputial Gland		Cyst	Mild
	[Cyst TGLs = 1-8]		
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Atrophy	Minimal
* Stomach, Glandular	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
	Epithelium	Necrosis	Minimal
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 172

TMT: 7
 DOSE: 250 mg/kg

SEX: Male
 DISP: Terminal Sacrifice

DAY ON TEST: 732
 HISTO: 0900172

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Eye
 Note: Both optic nerves were missing

* Heart	Cardiomyopathy	Minimal
* Islets, Pancreatic	Hyperplasia	Mild
* Kidney	Nephropathy	Minimal
* Liver	Clear Cell Focus	
	Eosinophilic Focus	
	Fatty Change	Mild
	Hepatoblastoma	
	Hepatocellular Adenoma	Multiple
	Hepatocellular Carcinoma	Multiple
	[Hepatoblastoma TGLs = 3-11]	
	[Hepatocellular Adenoma TGLs = 1,2-10]	
	[Hepatocellular Carcinoma TGLs = 4,5-12+13]	
* Nose	Olfactory Epi	Minimal
	Glands, Respirat Epith	Minimal
	Inflammation	Minimal
* Prostate	Hyperplasia	Mild
* Salivary Glands	Infiltration Cellular	Mononuclear CI, Minimal

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 172

TMT: 7
DOSE: 250 mg/kg

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 732
HISTO: 0900172

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
* Thymus		Atrophy	Marked
Tooth		Malformation	Marked

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 173

TMT: 7
 DOSE: 250 mg/kg

SEX: Male
 DISP: Terminal Sacrifice

DAY ON TEST: 732
 HISTO: 0900173

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Esophagus | * Gallbladder |
| * Harderian Gland | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Nose |
| * Pancreas | * Parathyroid Gland | * Salivary Glands | * Seminal Vesicle |
| * Skin | * Stomach, Forestomach | * Testes | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | | |
|----------------------|--|----------------------------------|-------------------------|
| * Epididymis | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Eye | Optic Nerve | Infiltration Cellular | Mononuclear CI, Mild |
| * Kidney | | Nephropathy | Mild |
| * Liver | | Eosinophilic Focus | |
| | | Fatty Change | Minimal |
| | | Hepatocellular Adenoma | Multiple |
| | | Hepatocellular Carcinoma | |
| | [Eosinophilic Focus TGLs = 6-13] | | |
| | [Hepatocellular Adenoma TGLs = 2,4,5-10+11+12] | | |
| | [Hepatocellular Carcinoma TGLs = 3-11] | | |
| * Lung | | Hepatocellular Carcinoma | Metastatic (Liver) |
| * Pituitary Gland | | Cyst | Minimal |
| * Preputial Gland | | Cyst | Mild |
| | [Cyst TGLs = 1-8] | | |
| * Prostate | | Inflammation | Chronic, Minimal |
| * Spleen | | Hematopoietic Cell Proliferation | Mild |
| * Stomach, Glandular | Epithelium | Hyperplasia | Mild |
| | | Inflammation | Chronic, Mild |
| | Epithelium | Necrosis | Minimal |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 173

TMT: 7

SEX: Male

DAY ON TEST: 732

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900173

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Atrophy

Marked

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 174

TMT: 7
 DOSE: 250 mg/kg

SEX: Male
 DISP: Terminal Sacrifice

DAY ON TEST: 731
 HISTO: 0900174

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Harderian Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Mild
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Fatty Change	Minimal
		Mixed Cell Focus	
	[Mixed Cell Focus TGLs = 1-10]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLs = 2-10]		
* Nose		Olfactory Epi	Minimal
		Glands, Respirat Epith	Minimal
		Inflammation	Minimal
		Polyp, Inflammatory	Mild
* Stomach, Glandular		Hyperplasia	Minimal
	Epithelium	Inflammation	Chronic, Minimal
	Epithelium	Necrosis	Minimal
* Testes		Germinal Epith	Mild
		Atrophy	

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 174

TMT: 7
DOSE: 250 mg/kg

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 731
HISTO: 0900174

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus
Tooth

Atrophy
Malformation

Mild
Marked

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 175

TMT: 7

SEX: Male

DAY ON TEST: 511

DOSE: 250 mg/kg

DISP: Accidentally Killed

HISTO: 0900175

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Fatty Change	Mild
	Artery	Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLs = 2-10]	Thrombosis	Moderate
	[Thrombosis TGLs = 3-11]		
* Stomach, Glandular	Epithelium	Hyperplasia	Minimal
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH - Liver Artery Thrombosis

TDMS No. 20006 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol

CAS Number: 700-06-1

Date Report Requested: 03/25/2010

Time Report Requested: 12:07:47

First Dose M/F: 04/03/07 / 04/02/07

Lab: BAT

ANIMAL NUM: 176

TMT: 7

SEX: Male

DAY ON TEST: 616

DOSE: 250 mg/kg

DISP: Moribund Sacrifice

HISTO: 0900176

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------|-------------------|---------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Harderian Gland | * Heart | * Intestine Large, Rectum |
| * Intestine Small, Ileum | * Islets, Pancreatic | * Lung | * Lymph Node, Mandibular |
| * Parathyroid Gland | * Pituitary Gland | * Preputial Gland | * Prostate |
| * Salivary Glands | * Seminal Vesicle | * Skin | * Stomach, Forestomach |
| * Testes | * Thyroid Gland | * Trachea | * Urinary Bladder |

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | | |
|-----------------------------|--|------------------|----------------------|
| * Gallbladder | | Inflammation | Suppurative, Minimal |
| * Intestine Large, Cecum | | Ulcer | Marked |
| | [Ulcer TGLs = 2-11] | | |
| * Intestine Large, Colon | | Inflammation | Chronic, Moderate |
| * Intestine Small, Duodenum | | Ulcer | Marked |
| | [Ulcer TGLs = 3-12] | | |
| * Intestine Small, Jejunum | Peyers Patch | Hyperplasia | Mild |
| | [Hyperplasia TGLs = 4-13] | | |
| * Kidney | | Mineralization | Minimal |
| * Liver | | Basophilic Focus | |
| | | Clear Cell Focus | |
| | | Fatty Change | Mild |
| | | Mixed Cell Focus | |
| | [Mixed Cell Focus TGLs = 1-3+4+5+10] | | |
| * Lymph Node, Mesenteric | | Hyperplasia | Lymphoid, Minimal |
| | [Hyperplasia TGLs = 5-5] | | |
| * Nose | Olfactory Epi | Degeneration | Mild |
| | Glands, Respirat Epith | Hyperplasia | Mild |
| | | Inflammation | Mild |
| * Pancreas | | Inflammation | Chronic, Moderate |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 176

TMT: 7

SEX: Male

DAY ON TEST: 616

DOSE: 250 mg/kg

DISP: Moribund Sacrifice

HISTO: 0900176

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
	Epithelium	Necrosis	Minimal
* Thymus		Atrophy	Marked
Tooth		Malformation	Moderate

PRIMARY CAUSE OF DEATH - Intestine Small, Duodenum Ulcer

CONTRIBUTORY CAUSE OF DEATH - Intestine Large, Cecum Ulcer

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 177

TMT: 7
 DOSE: 250 mg/kg

SEX: Male
 DISP: Terminal Sacrifice

DAY ON TEST: 732
 HISTO: 0900177

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Fatty Change	Mild
		Hepatocellular Adenoma	
		Mixed Cell Focus	
	[Eosinophilic Focus TGLs = 3,4-11+12]		
	[Hepatocellular Adenoma TGLs = 2-10]		
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 1-4]		
* Stomach, Glandular	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
	Epithelium	Necrosis	Minimal
* Thymus		Ectopic Parathyroid Gland	Minimal
		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 178

TMT: 7
 DOSE: 250 mg/kg

SEX: Male
 DISP: Terminal Sacrifice

DAY ON TEST: 732
 HISTO: 0900178

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Harderian Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Fatty Change	Minimal
		Hepatocellular Carcinoma	Multiple
[Hepatocellular Carcinoma	TGLs = 1,2,3,4,5-10+11+12+13]		
* Stomach, Glandular	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic, Mild
	Epithelium	Necrosis	Minimal
* Thymus		Atrophy	Moderate
Tooth		Malformation	Moderate

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol

CAS Number: 700-06-1

Date Report Requested: 03/25/2010

Time Report Requested: 12:07:47

First Dose M/F: 04/03/07 / 04/02/07

Lab: BAT

ANIMAL NUM: 179

TMT: 7

SEX: Male

DAY ON TEST: 730

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900179

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Cortex
- * Adrenal Medulla
- * Bone Marrow
- * Brain
- * Harderian Gland
- * Heart
- * Intestine Large, Rectum
- * Intestine Small, Duodenum
- * Islets, Pancreatic
- * Lymph Node, Mandibular
- * Parathyroid Gland
- * Pituitary Gland
- * Seminal Vesicle
- * Skin
- * Trachea
- * Urinary Bladder
- Blood Vessel
- * Esophagus
- * Intestine Large, Cecum
- * Intestine Small, Ileum
- * Lymph Node, Mesenteric
- * Preputial Gland
- * Stomach, Forestomach
- * Bone
- * Eye
- * Intestine Large, Colon
- * Intestine Small, Jejunum
- * Pancreas
- * Prostate
- * Testes

MISSING

- * Gallbladder
- * Mammary Gland

OBSERVATIONS

- * Epididymis
- * Kidney
- * Liver
- [Hepatoblastoma TGLs = 1,3,5-10+12+13]
- [Hepatocellular Carcinoma TGLs = 2,4-11+12]
- * Lung
- [Hepatoblastoma TGLs = 6-14]
- * Nose
- Nerve
- Olfactory Epi
- Glands, Respirat Epith
- * Salivary Glands
- * Spleen
- * Stomach, Glandular
- Epithelium
- Epithelium
- Infiltration Cellular
- Nephropathy
- Clear Cell Focus
- Eosinophilic Focus
- Fatty Change
- Hepatoblastoma
- Hepatocellular Adenoma
- Hepatocellular Carcinoma
- Hepatoblastoma
- Atrophy
- Degeneration
- Hyperplasia
- Infiltration Cellular
- Hematopoietic Cell Proliferation
- Hyperplasia
- Necrosis
- Mononuclear CI, Minimal
- Mild
- Minimal
- Multiple
- Multiple
- Metastatic (Liver)
- Mild
- Moderate
- Moderate
- Mononuclear CI, Minimal
- Mild
- Minimal
- Minimal

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 179

TMT: 7
DOSE: 250 mg/kg

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 0900179

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus
* Thyroid Gland

Follicle

Atrophy
Cytoplasmic Alteration

Marked
Mild

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 180

TMT: 7

SEX: Male

DAY ON TEST: 385

DOSE: 250 mg/kg

DISP: Natural Death

HISTO: 0900180

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Liver

Eosinophilic Focus
 Fatty Change
 Hepatocellular Adenoma
 Hepatocellular Carcinoma

Minimal

Note: No corresponding microscopic finding for grossly observed tan nodule of caudate lobe (TGL 4)

[Eosinophilic Focus TGLs = 3-12]

[Hepatocellular Adenoma TGLs = 2-11]

[Hepatocellular Carcinoma TGLs = 1-10]

* Stomach, Glandular

Epithelium

Hyperplasia

Minimal

Epithelium

Necrosis

Minimal

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 181

TMT: 7
 DOSE: 250 mg/kg

SEX: Male
 DISP: Terminal Sacrifice

DAY ON TEST: 732
 HISTO: 0900181

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Testes	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Harderian Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Fatty Change	Minimal
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLs = 2,3,4,5,6-11+12+13+14]		
	[Hepatocellular Carcinoma TGLs = 1-10]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLs = 7-15]		
* Nose		Olfactory Epi	Minimal
		Glands, Respirat Epith	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular		Hyperplasia	Mild
	Epithelium	Inflammation	Chronic, Minimal
		Necrosis	Minimal
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 181

TMT: 7

SEX: Male

DAY ON TEST: 732

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900181

ORGAN AND ACCOUNTABLE SITE STATUS

* Thyroid Gland

C Cell

Adenoma

[Adenoma TGLs = 8-3]

Tooth

Malformation

Minimal

TDMS No. 20006 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol

CAS Number: 700-06-1

Date Report Requested: 03/25/2010

Time Report Requested: 12:07:47

First Dose M/F: 04/03/07 / 04/02/07

Lab: BAT

ANIMAL NUM: 182

TMT: 7

SEX: Male

DAY ON TEST: 730

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900182

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Medulla
- * Brain
- * Gallbladder
- * Intestine Large, Colon
- * Intestine Small, Jejunum
- * Lymph Node, Mesenteric
- * Prostate
- * Stomach, Forestomach
- * Urinary Bladder
- Blood Vessel
- * Epididymis
- * Harderian Gland
- * Intestine Large, Rectum
- * Islets, Pancreatic
- * Pancreas
- * Salivary Glands
- * Testes
- * Bone
- * Esophagus
- * Heart
- * Intestine Small, Duodenum
- * Lung
- * Pituitary Gland
- * Seminal Vesicle
- * Thyroid Gland
- * Bone Marrow
- * Eye
- * Intestine Large, Cecum
- * Intestine Small, Ileum
- * Lymph Node, Mandibular
- * Preputial Gland
- * Skin
- * Trachea

MISSING

- * Mammary Gland
- * Parathyroid Gland

OBSERVATIONS

- * Adrenal Cortex
 - [Lymphoma Malignant TGLs = 7-14]
- * Kidney
 - Nephropathy Minimal
 - Clear Cell Focus
 - Eosinophilic Focus
 - Fatty Change Mild
 - Mixed Cell Focus
 - [Eosinophilic Focus TGLs = 1,8,9-10+15+16]
 - [Mixed Cell Focus TGLs = 2-11]
- * Liver
 - Lymph Node
 - Renal Lymphoma Malignant
 - Lumbar Lymphoma Malignant
 - [Lymphoma Malignant TGLs = 5-12]
 - [Lymphoma Malignant TGLs = 6-13]
- * Nose
 - Olfactory Epi Glands, Respirat Epith
 - Degeneration Minimal
 - Hyperplasia Minimal
- * Spleen
 - [Lymphoma Malignant TGLs = 3,4-4+11]
- * Stomach, Glandular
 - Epithelium
 - Hyperplasia Minimal

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 182

TMT: 7

SEX: Male

DAY ON TEST: 730

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900182

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Chronic, Minimal
	Epithelium	Necrosis	Minimal
* Thymus		Lymphoma Malignant	
Tooth		Malformation	Mild

TDMS No. 20006 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol

CAS Number: 700-06-1

Date Report Requested: 03/25/2010

Time Report Requested: 12:07:47

First Dose M/F: 04/03/07 / 04/02/07

Lab: BAT

ANIMAL NUM: 183

TMT: 7

SEX: Male

DAY ON TEST: 586

DOSE: 250 mg/kg

DISP: Natural Death

HISTO: 0900183

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Cortex
- * Adrenal Medulla
- * Bone Marrow
- * Brain
- * Eye
- * Gallbladder
- * Intestine Large, Colon
- * Intestine Large, Rectum
- * Intestine Small, Jejunum
- * Lymph Node, Mandibular
- * Pancreas
- * Parathyroid Gland
- * Prostate
- * Salivary Glands
- * Stomach, Forestomach
- * Testes
- * Urinary Bladder
- * Blood Vessel
- * Epididymis
- * Harderian Gland
- * Intestine Small, Duodenum
- * Lymph Node, Mesenteric
- * Pituitary Gland
- * Seminal Vesicle
- * Thyroid Gland
- * Bone
- * Esophagus
- * Intestine Large, Cecum
- * Intestine Small, Ileum
- * Nose
- * Preputial Gland
- * Skin
- * Trachea

MISSING

- * Mammary Gland

OBSERVATIONS

- * Heart
 - Cardiomyopathy Minimal
 - Hyperplasia Mild
- * Kidney
 - Alveolar/Bronchiolar Carcinoma Metastatic (Lung)
 - [Alveolar/Bronchiolar Carcinoma TGLs = 1-4+10]
- * Liver
 - Clear Cell Focus
 - Fatty Change Mild
 - Hepatocellular Adenoma
 - Hepatocellular Carcinoma Multiple
 - Mixed Cell Focus
 - [Hepatocellular Adenoma TGLs = 10-18]
 - [Hepatocellular Carcinoma TGLs = 7,8,9-15+16+17]
- * Lung
 - Alveolar/Bronchiolar Adenoma
 - Alveolar/Bronchiolar Carcinoma Multiple
 - Note: TGL 3 is lung tumor on pleura near bone, not in the bone itself
 - [Alveolar/Bronchiolar Adenoma TGLs = 6-14]
 - [Alveolar/Bronchiolar Carcinoma TGLs = 3,4,5-11+12+13]
- * Spleen
 - Hematopoietic Cell Proliferation Mild
- * Stomach, Glandular
 - Epithelium Hyperplasia Minimal

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 183

TMT: 7
DOSE: 250 mg/kg

SEX: Male
DISP: Natural Death

DAY ON TEST: 586
HISTO: 0900183

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus	Epithelium	Inflammation Necrosis Alveolar/Bronchiolar Carcinoma Atrophy	Chronic, Minimal Minimal Metastatic (Lung) Mild
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PRIMARY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Carcinoma
CONTRIBUTORY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 184

TMT: 7

SEX: Male

DAY ON TEST: 631

DOSE: 250 mg/kg

DISP: Moribund Sacrifice

HISTO: 0900184

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Kidney
* Lung	* Lymph Node, Mandibular	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Epididymis		Hemangioma	
Note: Possibly vascular "tumor" is a normal structure			
* Harderian Gland		Adenoma	
* Intestine Small, Jejunum		Lymphoma Malignant	
[Lymphoma Malignant TGLs = 8,9-14+15]			
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
[Hepatocellular Adenoma TGLs = 5,6,7,10-12+13+16]			
[Hepatocellular Carcinoma TGLs = 4-11]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLs = 3-10]			
* Nose	Nerve	Atrophy	Mild
	Olfactory Epi	Degeneration	Moderate
	Glands, Respirat Epith	Hyperplasia	Moderate
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLs = 2-4]			
* Stomach, Glandular	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 184

TMT: 7

SEX: Male

DAY ON TEST: 631

DOSE: 250 mg/kg

DISP: Moribund Sacrifice

HISTO: 0900184

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus	Epithelium	Necrosis	Minimal
[Lymphoma Malignant TGLs = 11-6]		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH - Spleen Lymphoma Malignant

TDMS No. 20006 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol

CAS Number: 700-06-1

Date Report Requested: 03/25/2010

Time Report Requested: 12:07:47

First Dose M/F: 04/03/07 / 04/02/07

Lab: BAT

ANIMAL NUM: 185

TMT: 7

SEX: Male

DAY ON TEST: 637

DOSE: 250 mg/kg

DISP: Natural Death

HISTO: 0900185

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|-----------------------------|--------------------------|----------------------------|---------------------------|
| Blood Vessel | * Bone | * Bone Marrow | * Brain |
| * Epididymis | * Esophagus | * Eye | * Gallbladder |
| * Heart | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Lymph Node, Mesenteric |
| * Parathyroid Gland | * Pituitary Gland | * Preputial Gland | * Seminal Vesicle |
| * Skin | * Stomach, Forestomach | * Testes | * Thyroid Gland |
| * Trachea | | | |

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | | |
|--------------------------|--|--------------------|----------|
| * Adrenal Cortex | | Lymphoma Malignant | |
| * Adrenal Medulla | | Lymphoma Malignant | |
| * Harderian Gland | | Hyperplasia | Moderate |
| | | Lymphoma Malignant | |
| * Islets, Pancreatic | | Hyperplasia | Moderate |
| * Kidney | | Lymphoma Malignant | |
| * Liver | | Lymphoma Malignant | |
| | [Lymphoma Malignant TGLs = 2,3,4-3+4+5+10+11+12] | | |
| * Lung | | Lymphoma Malignant | |
| Lymph Node | Lumbar | Lymphoma Malignant | |
| | [Lymphoma Malignant TGLs = 5-13] | | |
| * Lymph Node, Mandibular | | Lymphoma Malignant | |
| * Nose | Olfactory Epi | Degeneration | Minimal |
| | Glands, Respirat Epith | Hyperplasia | Minimal |
| | | Inflammation | Minimal |
| Oral Mucosa | | Regeneration | Minimal |
| * Pancreas | | Lymphoma Malignant | |
| * Prostate | | Lymphoma Malignant | |
| * Salivary Glands | | Lymphoma Malignant | |
| * Spleen | | Lymphoma Malignant | |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 185

TMT: 7

SEX: Male

DAY ON TEST: 637

DOSE: 250 mg/kg

DISP: Natural Death

HISTO: 0900185

ORGAN AND ACCOUNTABLE SITE STATUS

[Lymphoma Malignant TGLs = 1-4]

* Stomach, Glandular

Epithelium

Lymphoma Malignant

Necrosis

Minimal

* Thymus

Lymphoma Malignant

* Urinary Bladder

Lymphoma Malignant

PRIMARY CAUSE OF DEATH

- Liver Lymphoma Malignant

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 186

TMT: 7

SEX: Male

DAY ON TEST: 732

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900186

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Pituitary Gland	* Preputial Gland	* Prostate
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Harderian Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Fatty Change	Mild
		Hepatoblastoma	
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	Multiple
	[Hepatoblastoma TGLs = 2-11]		
	[Hepatocellular Adenoma TGLs = 1-10]		
	[Hepatocellular Carcinoma TGLs = 3,4,5-12+13]		
* Nose	Olfactory Epi	Degeneration	Mild
	Glands, Respirat Epith	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Epithelium	Hyperplasia	Minimal
	Epithelium	Necrosis	Minimal
* Thymus		Atrophy	Moderate
Tooth		Malformation	Mild

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 187

TMT: 7
 DOSE: 250 mg/kg

SEX: Male
 DISP: Natural Death

DAY ON TEST: 686
 HISTO: 0900187

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Harderian Gland		Infiltration Cellular	Mononuclear CI, Mild
* Heart	Valve	Inflammation	Marked
	[Inflammation TGLs = 9-14]		
* Kidney		Inflammation	Chronic, Moderate
	[Inflammation TGLs = 7-4]		
* Liver	Bile Duct	Cytoplasmic Alteration	Marked
		Eosinophilic Focus	
	Periportal	Fibrosis	Moderate
		Hemangiosarcoma	
		Hepatoblastoma	
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Chronic, Moderate
	[Eosinophilic Focus TGLs = 4,6-12+13]		
	[Hemangiosarcoma TGLs = 5-13]		
	[Hepatoblastoma TGLs = 3-11]		
	[Inflammation TGLs = 2-10]		
* Lung		Inflammation	Chronic, Marked
	[Inflammation TGLs = 8-3]		
Lymph Node	Mediastinal	Hyperplasia	Moderate
	Renal	Inflammation	Moderate

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 187

TMT: 7

SEX: Male

DAY ON TEST: 686

DOSE: 250 mg/kg

DISP: Natural Death

HISTO: 0900187

ORGAN AND ACCOUNTABLE SITE STATUS

	Pancreatic	Inflammation	Marked
	[Hyperplasia TGLs = 13-12]		
	[Inflammation TGLs = 12-11]		
	[Inflammation TGLs = 14-13]		
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Moderate
	[Hyperplasia TGLs = 11-10]		
* Lymph Node, Mesenteric		Inflammation	Marked
	[Inflammation TGLs = 10-5]		
* Nose	Olfactory Epi	Degeneration	Mild
	Glands, Respirat Epith	Hyperplasia	Mild
		Inflammation	Minimal
* Pancreas		Inflammation	Chronic, Marked
* Spleen		Hematopoietic Cell Proliferation	Marked
	[Hematopoietic Cell Proliferation TGLs = 1-4]		
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
	[Hyperplasia TGLs = 15-15]		
* Stomach, Glandular	Epithelium	Hyperplasia	Minimal
	Epithelium	Necrosis	Minimal
* Thymus		Atrophy	Marked
Tooth		Malformation	Mild

PRIMARY CAUSE OF DEATH - Heart Valve Inflammation

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 188

TMT: 7

SEX: Male

DAY ON TEST: 732

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900188

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Fatty Change	Mild
	[Eosinophilic Focus TGLs = 1-10]		
* Lymph Node, Mesenteric		Hyperplasia	Lymphoid, Moderate
	[Hyperplasia TGLs = 2-5]		
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands, Respirat Epith	Hyperplasia	Minimal
* Stomach, Glandular	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
	Epithelium	Necrosis	Minimal
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 189

TMT: 7
 DOSE: 250 mg/kg

SEX: Male
 DISP: Natural Death

DAY ON TEST: 495
 HISTO: 0900189

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Stomach, Forestomach
* Testes	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Mammary Gland

OBSERVATIONS

* Harderian Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Heart	Myocardium	Cardiomyopathy	Minimal
		Mineralization	Minimal
* Islets, Pancreatic		Hyperplasia	Mild
* Liver		Eosinophilic Focus	
		Hemangiosarcoma	Multiple
		Hepatocellular Adenoma	
	[Hemangiosarcoma TGLs = 2,4,5,6,7-11+12+13+14+15]		
	[Hepatocellular Adenoma TGLs = 3-12]		
* Lung	[Alveolar/Bronchiolar Adenoma TGLs = 8-16]	Alveolar/Bronchiolar Adenoma	
* Nose	Nerve	Atrophy	Mild
	Olfactory Epi	Degeneration	Moderate
	Glands, Respirat Epith	Hyperplasia	Moderate
* Spleen		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Marked
	[Hemangiosarcoma TGLs = 1-10]		
* Stomach, Glandular	Epithelium	Necrosis	Mild
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 189

TMT: 7

SEX: Male

DAY ON TEST: 495

DOSE: 250 mg/kg

DISP: Natural Death

HISTO: 0900189

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth

Malformation

Mild

PRIMARY CAUSE OF DEATH

- Spleen Hemangiosarcoma

TDMS No. 20006 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol

CAS Number: 700-06-1

Date Report Requested: 03/25/2010

Time Report Requested: 12:07:47

First Dose M/F: 04/03/07 / 04/02/07

Lab: BAT

ANIMAL NUM: 190

TMT: 7

SEX: Male

DAY ON TEST: 732

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900190

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|---------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Eye | * Gallbladder | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Pancreas |
| * Parathyroid Gland | * Pituitary Gland | * Prostate | * Salivary Glands |
| * Seminal Vesicle | * Stomach, Forestomach | * Testes | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

MISSING

- * Mammary Gland

OBSERVATIONS

- | | | | |
|--|------------------------|----------------------------------|-------------------------|
| * Harderian Gland | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Intestine Small, Duodenum | | Carcinoma | |
| [Carcinoma TGLs = 9-15] | | | |
| * Kidney | | Nephropathy | Mild |
| [Nephropathy TGLs = 5-4] | | | |
| * Liver | Centrilobular | Degeneration | Moderate |
| | | Eosinophilic Focus | |
| | | Hepatocellular Carcinoma | |
| [Degeneration TGLs = 8-4+13+14+15] | | | |
| [Eosinophilic Focus TGLs = 6-13] | | | |
| [Hepatocellular Carcinoma TGLs = 7-14] | | | |
| * Lung | | Hepatocellular Carcinoma | Metastatic (Liver) |
| * Nose | Nerve | Atrophy | Mild |
| | Olfactory Epi | Degeneration | Moderate |
| | Glands, Respirat Epith | Hyperplasia | Moderate |
| * Preputial Gland | | Cyst | Mild |
| * Skin | | Ulcer | Moderate |
| [Ulcer TGLs = 1,2,3-10+11+12] | | | |
| * Spleen | | Hematopoietic Cell Proliferation | Moderate |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 190

TMT: 7

SEX: Male

DAY ON TEST: 732

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900190

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular

Epithelium

Hyperplasia

Minimal

Epithelium

Necrosis

Minimal

* Thymus

Atrophy

Marked

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 191

TMT: 7

SEX: Male

DAY ON TEST: 437

DOSE: 250 mg/kg

DISP: Moribund Sacrifice

HISTO: 0900191

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Eye	Cornea	Inflammation	Chronic, Mild
* Harderian Gland		Adenoma	
		Hyperplasia	Moderate
[Adenoma TGLs = 1-9]			
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Fatty Change	Mild
* Stomach, Glandular	Epithelium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Harderian Gland Adenoma

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 192

TMT: 7
 DOSE: 250 mg/kg

SEX: Male
 DISP: Moribund Sacrifice

DAY ON TEST: 715
 HISTO: 0900192

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Nose	* Pancreas	* Pituitary Gland
* Preputial Gland	* Prostate	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
	Papilla	Necrosis	Mild
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Fatty Change	Minimal
		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	
		[Eosinophilic Focus TGLs = 4-10]	
		[Hepatocellular Adenoma TGLs = 1,3,5-10+12]	
		[Mixed Cell Focus TGLs = 2-4+5+10+11+12]	
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
	Epithelium	Necrosis	Minimal
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 193

TMT: 7
DOSE: 250 mg/kg

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 0900193

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland * Thymus

OBSERVATIONS

* Eye	Antr Chamber	Inflammation	Suppurative, Marked
[Inflammation TGLs = 2-9]			
* Harderian Gland		Carcinoma	
[Carcinoma TGLs = 1-9]			
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Fatty Change	Minimal
		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	
		Tension Lipidosis	Minimal
[Clear Cell Focus TGLs = 8-14]			
[Eosinophilic Focus TGLs = 5-12]			
[Hepatocellular Adenoma TGLs = 4,6-11+13]			
[Mixed Cell Focus TGLs = 7-13]			
* Lung		Carcinoma	Metastatic (Harderian Gland)
		Infiltration Cellular	Histiocyte, Moderate
[Carcinoma TGLs = 9-15]			

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 193

TMT: 7

SEX: Male

DAY ON TEST: 730

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900193

ORGAN AND ACCOUNTABLE SITE STATUS

* Lymph Node, Mesenteric [Lymphoma Malignant TGLs = 3-10]		Lymphoma Malignant	
* Nose		Inflammation	Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Mild
* Stomach, Glandular	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
	Epithelium	Necrosis	Minimal

TDMS No. 20006 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol

CAS Number: 700-06-1

Date Report Requested: 03/25/2010

Time Report Requested: 12:07:47

First Dose M/F: 04/03/07 / 04/02/07

Lab: BAT

ANIMAL NUM: 194

TMT: 7

SEX: Male

DAY ON TEST: 690

DOSE: 250 mg/kg

DISP: Natural Death

HISTO: 0900194

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Cortex
- * Adrenal Medulla
- * Bone Marrow
- * Brain
- * Eye
- * Gallbladder
- * Intestine Large, Colon
- * Intestine Large, Rectum
- * Intestine Small, Jejunum
- * Kidney
- * Lymph Node, Mesenteric
- * Pancreas
- * Preputial Gland
- * Prostate
- * Spleen
- * Stomach, Forestomach
- * Trachea
- * Urinary Bladder
- * Blood Vessel
- * Epididymis
- * Heart
- * Intestine Small, Duodenum
- * Lung
- * Parathyroid Gland
- * Seminal Vesicle
- * Testes
- * Bone
- * Esophagus
- * Intestine Large, Cecum
- * Intestine Small, Ileum
- * Lymph Node, Mandibular
- * Pituitary Gland
- * Skin
- * Thyroid Gland

MISSING

- * Mammary Gland

OBSERVATIONS

- * Harderian Gland
- * Islets, Pancreatic
- * Liver
- [Hepatoblastoma TGLs = 1,5-10+14]
- [Hepatocellular Adenoma TGLs = 4-13]
- [Hepatocellular Carcinoma TGLs = 2,3-11+12]
- * Nose
- Nerve
- Olfactory Epi
- Glands, Respirat Epith
- Atrophy
- Degeneration
- Hyperplasia
- Inflammation
- Infiltration Cellular
- Hyperplasia
- Atrophy
- Malformation
- Mononuclear Cl, Minimal
- Minimal
- Multiple
- Multiple
- Multiple
- Minimal
- Mild
- Mild
- Mild
- Mononuclear Cl, Minimal
- Minimal
- Marked
- Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatoblastoma

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 195

TMT: 7
 DOSE: 250 mg/kg

SEX: Male
 DISP: Terminal Sacrifice

DAY ON TEST: 730
 HISTO: 0900195

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Nose	Oral Mucosa	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Harderian Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
	Renal Tubule	Pigmentation	Mild
* Liver		Eosinophilic Focus	
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
	[Eosinophilic Focus TGLs = 6-15]		
	[Hepatoblastoma TGLs = 2-11]		
	[Hepatocellular Adenoma TGLs = 3,5,7-12+14+16]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLs = 4-13]		
Mesentery	Fat	Necrosis	Mild
	[Necrosis TGLs = 1-10]		
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
	Epithelium	Necrosis	Minimal

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 195

TMT: 7

SEX: Male

DAY ON TEST: 730

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900195

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Atrophy

Marked

TDMS No. 20006 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol

CAS Number: 700-06-1

Date Report Requested: 03/25/2010

Time Report Requested: 12:07:47

First Dose M/F: 04/03/07 / 04/02/07

Lab: BAT

ANIMAL NUM: 196

TMT: 7

SEX: Male

DAY ON TEST: 617

DOSE: 250 mg/kg

DISP: Moribund Sacrifice

HISTO: 0900196

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Cortex
- * Adrenal Medulla
- * Bone Marrow
- * Brain
- * Eye
- * Gallbladder
- * Intestine Large, Cecum
- * Intestine Large, Colon
- * Intestine Small, Ileum
- * Intestine Small, Jejunum
- * Lymph Node, Mesenteric
- * Nose
- * Pituitary Gland
- * Preputial Gland
- * Seminal Vesicle
- * Spleen
- * Trachea
- * Urinary Bladder
- Blood Vessel
- * Epididymis
- * Harderian Gland
- * Intestine Large, Rectum
- * Lung
- * Pancreas
- * Prostate
- * Testes
- * Bone
- * Esophagus
- * Heart
- * Intestine Small, Duodenum
- * Lymph Node, Mandibular
- * Parathyroid Gland
- * Salivary Glands
- * Thyroid Gland

MISSING

- * Mammary Gland

OBSERVATIONS

- * Islets, Pancreatic
- * Kidney
- * Liver
- Hyperplasia
- Nephropathy
- Clear Cell Focus
- Eosinophilic Focus
- Fatty Change
- Hemangiosarcoma
- Hepatocellular Adenoma
- Tension Lipidosis
- Mild
- Mild
- Minimal
- Multiple
- Mild
- [Clear Cell Focus TGLs = 6-13]
- [Eosinophilic Focus TGLs = 5-14]
- [Hemangiosarcoma TGLs = 2-11]
- [Hepatocellular Adenoma TGLs = 3,4-12+13]
- * Skin
- Subcut Tiss
- Lipoma
- [Lipoma TGLs = 1-10]
- * Stomach, Forestomach
- Ulcer
- Mild
- [Ulcer TGLs = 7-15]
- * Stomach, Glandular
- Epithelium
- Hyperplasia
- Inflammation
- Mild
- Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 196

TMT: 7

SEX: Male

DAY ON TEST: 617

DOSE: 250 mg/kg

DISP: Moribund Sacrifice

HISTO: 0900196

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus	Epithelium	Necrosis	Minimal
		Atrophy	Mild

PRIMARY CAUSE OF DEATH - Liver Hemangiosarcoma

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 197

TMT: 7

SEX: Male

DAY ON TEST: 731

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900197

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Seminal Vesicle	* Skin	* Stomach, Forestomach	* Testes
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Thymus
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OBSERVATIONS

* Bone		Hyperostosis	Minimal
	[Hyperostosis TGLs = 1-10]		
* Harderian Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Heart		Cardiomyopathy	Mild
* Kidney	Renal Tubule	Cyst	Minimal
		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
	[Eosinophilic Focus TGLs = 2,3-11+12]		
	[Hepatocellular Adenoma TGLs = 5,6-12+13]		
	[Hepatocellular Carcinoma TGLs = 4-13]		
* Nose	Olfactory Epi	Degeneration	Mild
	Glands, Respirat Epith	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 197

TMT: 7

SEX: Male

DAY ON TEST: 731

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900197

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth	Epithelium	Necrosis	Minimal
		Malformation	Minimal

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 198

TMT: 7
 DOSE: 250 mg/kg

SEX: Male
 DISP: Terminal Sacrifice

DAY ON TEST: 732
 HISTO: 0900198

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Harderian Gland		Adenoma	
* Kidney		Mineralization	Minimal
* Liver		Fatty Change	Minimal
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
	[Hepatoblastoma TGLs = 3-10]		
	[Hepatocellular Adenoma TGLs = 1,2,4,5-10+11+12]		
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands, Respirat Epith	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Epithelium	Hyperplasia	Mild
	Epithelium	Necrosis	Minimal
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 199

TMT: 7
 DOSE: 250 mg/kg

SEX: Male
 DISP: Natural Death

DAY ON TEST: 671
 HISTO: 0900199

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Epididymis		Infiltration Cellular	Mononuclear CI, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Clear Cell Focus	
		Eosinophilic Focus	
		Fatty Change	Mild
		Hepatocellular Adenoma	Multiple
		Mixed Cell Focus	
	[Basophilic Focus TGLs = 5-13]		
	[Eosinophilic Focus TGLs = 3,4-11+12]		
	[Hepatocellular Adenoma TGLs = 1,2-10+11]		
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands, Respirat Epith	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
	Epithelium	Necrosis	Minimal

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 199

TMT: 7

SEX: Male

DAY ON TEST: 671

DOSE: 250 mg/kg

DISP: Natural Death

HISTO: 0900199

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Atrophy

Mild

PRIMARY CAUSE OF DEATH

- Liver Hepatocellular Adenoma

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 200

TMT: 7
 DOSE: 250 mg/kg

SEX: Male
 DISP: Natural Death

DAY ON TEST: 716
 HISTO: 0900200

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Seminal Vesicle	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Mammary Gland

OBSERVATIONS

* Harderian Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Hepatoblastoma	Multiple
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	[Hepatoblastoma TGLs = 1,4-10+12]		
	[Hepatocellular Adenoma TGLs = 6,7-3+13]		
	[Hepatocellular Carcinoma TGLs = 2,3-11]		
* Nose	Olfactory Epi	Degeneration	Mild
	Glands, Respirat Epith	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLs = 5-7]		
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Liver Hepatoblastoma

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 201

TMT: 2
 DOSE: 0 mg/kg

SEX: Female
 DISP: Terminal Sacrifice

DAY ON TEST: 729
 HISTO: 0900201

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone		Fibrosis	Mild
* Harderian Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Fatty Change	Mild
	[Mixed Cell Focus TGLs = 2-11]	Mixed Cell Focus	
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLs = 1-10]		
* Nose	Olfactory Epi Glands, Respirat Epith	Degeneration Hyperplasia	Minimal Minimal
* Stomach, Forestomach		Inflammation	Chronic, Minimal
* Thyroid Gland	Follicular Cel	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 202

TMT: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900202

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Harderian Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Intestine Large, Cecum		Leiomyosarcoma	
	[Leiomyosarcoma TGLs = 2-10]		
* Kidney		Nephropathy	Minimal
* Liver		Fatty Change	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLs = 1-7]		

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 203

TMT: 2
DOSE: 0 mg/kg

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 0900203

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Harderian Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Fatty Change	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLs = 1-7]			

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 204

TMT: 2
DOSE: 0 mg/kg

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 731
HISTO: 0900204

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Gallbladder | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney | * Lung |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland | * Ovary |
| * Parathyroid Gland | * Skin | * Stomach, Forestomach | * Stomach, Glandular |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

OBSERVATIONS

- | | | | |
|------------------------|------------------------|----------------------------------|-------------------------|
| * Harderian Gland | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Liver | | Fatty Change | Mild |
| * Nose | Olfactory Epi | Degeneration | Minimal |
| | Glands, Respirat Epith | Hyperplasia | Minimal |
| * Pancreas | Duct | Cyst | Moderate |
| [Cyst TGLs = 1,2-10] | | | |
| * Pituitary Gland | Pars Intermed | Hyperplasia | Moderate |
| * Salivary Glands | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Spleen | | Hematopoietic Cell Proliferation | Moderate |
| * Thymus | | Atrophy | Moderate |
| * Uterus | Endometrium | Hyperplasia | Cystic, Mild |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 205

TMT: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900205

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Brain	Hypothalamus	Compression	Moderate
* Harderian Gland		Adenoma	
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Tension Lipidosis	Minimal
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands, Respirat Epith	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 1-6]		
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 206

TMT: 2
 DOSE: 0 mg/kg

SEX: Female
 DISP: Terminal Sacrifice

DAY ON TEST: 730
 HISTO: 0900206

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Intestine Small, Ileum	Epithelium	Hyperplasia	Minimal
* Kidney		Nephropathy	Mild
* Liver		Eosinophilic Focus	
		Fatty Change	Minimal
	[Eosinophilic Focus TGLs = 3-10]		
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLs = 1,2-7]		

TDMS No. 20006 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol

CAS Number: 700-06-1

Date Report Requested: 03/25/2010

Time Report Requested: 12:07:47

First Dose M/F: 04/03/07 / 04/02/07

Lab: BAT

ANIMAL NUM: 207

TMT: 2

SEX: Female

DAY ON TEST: 709

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0900207

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Gallbladder | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Mammary Gland | * Nose | * Ovary | * Pancreas |
| * Parathyroid Gland | * Pituitary Gland | * Skin | * Stomach, Glandular |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

OBSERVATIONS

- | | | | |
|------------------------|--|----------------------------------|-------------------------|
| * Harderian Gland | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Kidney | | Nephropathy | Moderate |
| * Liver | | Hepatocellular Adenoma | |
| | | Hepatocellular Carcinoma | |
| | [Hepatocellular Adenoma TGLs = 2-11] | | |
| | [Hepatocellular Carcinoma TGLs = 1-10] | | |
| * Lung | | Hepatocellular Carcinoma | Metastatic (Liver) |
| * Salivary Glands | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Spleen | | Hematopoietic Cell Proliferation | Mild |
| * Stomach, Forestomach | | Ulcer | Minimal |
| * Thymus | | Atrophy | Mild |
| * Uterus | Endometrium | Hyperplasia | Cystic, Moderate |

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 208

TMT: 2
DOSE: 0 mg/kg

SEX: Female
DISP: Natural Death

DAY ON TEST: 649
HISTO: 0900208

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Clitoral Gland | * Esophagus | * Eye |
| * Gallbladder | * Harderian Gland | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Lung | * Mammary Gland | * Nose | * Pancreas |
| * Parathyroid Gland | * Salivary Glands | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Thyroid Gland | * Trachea | * Urinary Bladder |
| * Uterus | | | |

OBSERVATIONS

- | | | | |
|--------------------------|---|------------------------|---------|
| * Brain | | Hemorrhage | Minimal |
| * Heart | | Cardiomyopathy | Mild |
| * Islets, Pancreatic | | Hyperplasia | Minimal |
| * Kidney | | Lymphoma Malignant | |
| * Liver | | Fatty Change | Marked |
| | | Lymphoma Malignant | |
| | [Lymphoma Malignant TGLs = 3,4-10+11] | | |
| | Lymph Node Mediastinal | Lymphoma Malignant | |
| | [Lymphoma Malignant TGLs = 2-6] | | |
| * Lymph Node, Mandibular | | Lymphoma Malignant | |
| * Lymph Node, Mesenteric | | Lymphoma Malignant | |
| * Ovary | | Cytoplasmic Alteration | Minimal |
| * Pituitary Gland | Pars Distalis | Hyperplasia | Minimal |
| * Spleen | | Lymphoma Malignant | |
| | [Lymphoma Malignant TGLs = 1-4] | | |
| * Thymus | | Atrophy | Marked |

PRIMARY CAUSE OF DEATH - Spleen Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 209

TMT: 2
 DOSE: 0 mg/kg

SEX: Female
 DISP: Terminal Sacrifice

DAY ON TEST: 729
 HISTO: 0900209

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Harderian Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Fatty Change	Minimal
	[Eosinophilic Focus TGLs = 3,4-10+11]		
* Ovary		Cyst	Mild
	[Cyst TGLs = 1-7]		
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach		Ulcer	Mild
	[Ulcer TGLs = 5-11]		
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLs = 2-7]		

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 210

TMT: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900210

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Thyroid Gland	* Trachea

OBSERVATIONS

* Bone		Fibrosis	Mild
* Harderian Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Nose	Olfactory Epi Glands, Respirat Epith	Degeneration	Minimal
* Salivary Glands		Hyperplasia	Minimal
* Stomach, Glandular		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Mineralization	Minimal
* Urinary Bladder		Atrophy	Marked
* Uterus	Endometrium	Infiltration Cellular	Mononuclear CI, Minimal
		Hyperplasia	Cystic, Moderate

[Hyperplasia TGLs = 1-7]

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 211

TMT: 2
DOSE: 0 mg/kg

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 731
HISTO: 0900211

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Gallbladder | * Harderian Gland | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney |
| * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Skin |
| * Stomach, Forestomach | * Stomach, Glandular | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

OBSERVATIONS

- | | | | |
|-------------------|---|--|-------------------------|
| * Liver | | Fatty Change
Hepatocellular Adenoma | Mild |
| | [Hepatocellular Adenoma TGLs = 2-11] | | |
| * Nose | Olfactory Epi
Glands, Respirat Epith | Degeneration
Hyperplasia | Minimal
Minimal |
| * Ovary | | Cyst | Minimal |
| * Salivary Glands | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Spleen | | Hematopoietic Cell Proliferation | Mild |
| | Lymph Follic | Hyperplasia | Marked |
| | [Hyperplasia TGLs = 1-10] | | |
| * Thymus | | Atrophy | Minimal |
| * Uterus | Endometrium | Hyperplasia | Cystic, Mild |

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 212

TMT: 2
DOSE: 0 mg/kg

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 731
HISTO: 0900212

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Harderian Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Fatty Change	Minimal
* Ovary		Cystadenoma	
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

[Hyperplasia TGLs = 1-7]

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 213

TMT: 2
 DOSE: 0 mg/kg

SEX: Female
 DISP: Natural Death

DAY ON TEST: 695
 HISTO: 0900213

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|-----------------------------|--------------------------|----------------------------|---------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Brain | * Clitoral Gland | * Esophagus | * Eye |
| * Gallbladder | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Lung | * Mammary Gland | * Nose | * Pancreas |
| * Parathyroid Gland | * Pituitary Gland | * Salivary Glands | * Skin |
| * Stomach, Forestomach | * Stomach, Glandular | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

OBSERVATIONS

- | | | | |
|--------------------------|---------------------|---------------------|----------|
| * Bone Marrow | | Histiocytic Sarcoma | |
| * Harderian Gland | | Histiocytic Sarcoma | |
| * Heart | Myocardium | Mineralization | Moderate |
| * Kidney | | Histiocytic Sarcoma | |
| * Liver | | Fatty Change | Moderate |
| | | Histiocytic Sarcoma | |
| [Histiocytic Sarcoma | TGLs = 2-3+4+5+11] | | |
| Lymph Node | Mediastinal | Histiocytic Sarcoma | |
| | Renal | Histiocytic Sarcoma | |
| | Lumbar | Histiocytic Sarcoma | |
| [Histiocytic Sarcoma | TGLs = 4-6] | | |
| [Histiocytic Sarcoma | TGLs = 5-13] | | |
| [Histiocytic Sarcoma | TGLs = 6-14] | | |
| * Lymph Node, Mandibular | | Histiocytic Sarcoma | |
| [Histiocytic Sarcoma | TGLs = 3-12] | | |
| * Lymph Node, Mesenteric | | Histiocytic Sarcoma | |
| [Histiocytic Sarcoma | TGLs = 7-5] | | |
| * Ovary | | Histiocytic Sarcoma | |
| * Spleen | | Histiocytic Sarcoma | |
| [Histiocytic Sarcoma | TGLs = 1-10] | | |
| * Thymus | | Histiocytic Sarcoma | |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 213

TMT: 2
DOSE: 0 mg/kg

SEX: Female
DISP: Natural Death

DAY ON TEST: 695
HISTO: 0900213

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus

Histiocytic Sarcoma

PRIMARY CAUSE OF DEATH

- Spleen Histiocytic Sarcoma

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 214

TMT: 2
DOSE: 0 mg/kg

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 731
HISTO: 0900214

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone		Fibrosis	Minimal
* Harderian Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Kidney		Mineralization	Minimal
* Liver		Fatty Change	Mild
		Hepatocellular Adenoma	
		Mixed Cell Focus	
	[Hepatocellular Adenoma TGLs = 2-10]		
	[Mixed Cell Focus TGLs = 3,4-10+11]		
* Nose		Inflammation	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLs = 1-7]		

TDMS No. 20006 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol

CAS Number: 700-06-1

Date Report Requested: 03/25/2010

Time Report Requested: 12:07:47

First Dose M/F: 04/03/07 / 04/02/07

Lab: BAT

ANIMAL NUM: 215

TMT: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900215

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Gallbladder | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney | * Lung |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland | * Nose |
| * Ovary | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Salivary Glands | * Skin | * Spleen | * Stomach, Forestomach |
| * Stomach, Glandular | * Trachea | * Urinary Bladder | |

OBSERVATIONS

- | | | | |
|-------------------|----------------------------------|-----------------------|-------------------------|
| * Harderian Gland | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Liver | | Eosinophilic Focus | |
| | | Fatty Change | Minimal |
| | | Mixed Cell Focus | |
| | | Tension Lipidosis | Minimal |
| | [Mixed Cell Focus TGLs = 4-12] | | |
| Mesentery | Fat | Necrosis | Mild |
| | [Necrosis TGLs = 2,3-10+11] | | |
| * Thymus | | Atrophy | Minimal |
| * Thyroid Gland | Follicular Cel | Adenoma | |
| * Uterus | Endometrium | Hyperplasia | Cystic, Moderate |
| | [Hyperplasia TGLs = 1-7] | | |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 216

TMT: 2
DOSE: 0 mg/kg

SEX: Female
DISP: Natural Death

DAY ON TEST: 634
HISTO: 0900216

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Gallbladder | * Harderian Gland | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lymph Node, Mandibular |
| * Mammary Gland | * Nose | * Ovary | * Pancreas |
| * Parathyroid Gland | * Pituitary Gland | * Salivary Glands | * Skin |
| * Stomach, Forestomach | * Stomach, Glandular | * Thyroid Gland | * Trachea |
| * Urinary Bladder | * Uterus | | |

OBSERVATIONS

- | | | | |
|--------------------------|---|------------------------------|--------|
| * Kidney | | Lymphoma Malignant | |
| | [Lymphoma Malignant TGLs = 2,3-4+10] | | |
| * Liver | | Fatty Change | Mild |
| | | Lymphoma Malignant | |
| * Lung | | Alveolar/Bronchiolar Adenoma | |
| | [Alveolar/Bronchiolar Adenoma TGLs = 7-14] | Lymphoma Malignant | |
| Lymph Node | Mediastinal | Lymphoma Malignant | |
| | Iliac | Lymphoma Malignant | |
| | Renal | Lymphoma Malignant | |
| | Note: Based on histology the enlargement of the thymus noted grossly was actually in the mediastinal lymph nodes (TGL 4). | | |
| | [Lymphoma Malignant TGLs = 4-11] | | |
| | [Lymphoma Malignant TGLs = 5-12] | | |
| | [Lymphoma Malignant TGLs = 6-13] | | |
| * Lymph Node, Mesenteric | | Lymphoma Malignant | |
| * Spleen | | Lymphoma Malignant | |
| | [Lymphoma Malignant TGLs = 1-4] | | |
| * Thymus | | Atrophy | Marked |

PRIMARY CAUSE OF DEATH - Spleen Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 217

TMT: 2
DOSE: 0 mg/kg

SEX: Female
DISP: Natural Death

DAY ON TEST: 664
HISTO: 0900217

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Liver		Fatty Change	Minimal
		Tension Lipidosis	Minimal
* Spleen		Hemangiosarcoma	
		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach		Ulcer	Marked
[Ulcer TGLs = 2-5+10]			
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLs = 1-7]			

PRIMARY CAUSE OF DEATH - Spleen Hemangiosarcoma

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 218

TMT: 2
DOSE: 0 mg/kg

SEX: Female
DISP: Natural Death

DAY ON TEST: 569
HISTO: 0900218

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Parathyroid Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Fatty Change	Mild
* Lung		Carcinoma	Metastatic (Thyroid Gland)
* Ovary		Cyst	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Moderate
* Thyroid Gland	Follicular Cel	Carcinoma	
	[Carcinoma TGLs = 1-10]		

PRIMARY CAUSE OF DEATH - Thyroid Gland Follicular Cel Carcinoma

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 219

TMT: 2
DOSE: 0 mg/kg

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 731
HISTO: 0900219

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Gallbladder | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney | * Lung |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland | * Ovary |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Salivary Glands |
| * Skin | * Stomach, Forestomach | * Stomach, Glandular | * Thyroid Gland |
| * Trachea | * Urinary Bladder | * Uterus | |

OBSERVATIONS

- | | | | |
|-------------------|---|----------------------------------|-------------------------|
| * Harderian Gland | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Liver | | Hematopoietic Cell Proliferation | Marked |
| | | Hepatocellular Carcinoma | |
| | [Hematopoietic Cell Proliferation TGLs = 3-3+4+5+10+11] | | |
| | [Hepatocellular Carcinoma TGLs = 2-10] | | |
| * Nose | Olfactory Epi | Degeneration | Minimal |
| | Glands, Respirat Epith | Hyperplasia | Minimal |
| * Spleen | | Hematopoietic Cell Proliferation | Marked |
| | [Hematopoietic Cell Proliferation TGLs = 1-4] | | |
| * Thymus | | Atrophy | Marked |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 220

TMT: 2
DOSE: 0 mg/kg

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 0900220

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Spleen	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Harderian Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Ovary			
Note: One ovary was missing			
* Salivary Glands		Hyperplasia	Minimal
		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Forestomach		Ulcer	Mild
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLs = 1-7]			

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 221

TMT: 2
 DOSE: 0 mg/kg

SEX: Female
 DISP: Terminal Sacrifice

DAY ON TEST: 730
 HISTO: 0900221

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Harderian Gland		Hyperplasia	Mild
* Liver		Fatty Change	Minimal
* Pituitary Gland	Pars Intermed	Adenoma	
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen	Lymph Follic	Hyperplasia	Minimal
[Hyperplasia TGLs = 1-4]			
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 222

TMT: 2
DOSE: 0 mg/kg

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 731
HISTO: 0900222

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Harderian Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Heart		Cardiomyopathy	Minimal
* Liver		Eosinophilic Focus	
		Fatty Change	Minimal
	[Eosinophilic Focus TGLs = 2-10]		
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLs = 1-7]		

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 223

TMT: 2
 DOSE: 0 mg/kg

SEX: Female
 DISP: Terminal Sacrifice

DAY ON TEST: 730
 HISTO: 0900223

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Gallbladder | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney | * Lung |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland | * Pancreas |
| * Parathyroid Gland | * Skin | * Spleen | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

OBSERVATIONS

- | | | | |
|-------------------|---|-----------------------|-------------------------|
| * Harderian Gland | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Liver | | Eosinophilic Focus | |
| | | Fatty Change | Mild |
| | [Eosinophilic Focus TGLs = 1,2,3,4-10+11+12+13] | | |
| * Nose | Olfactory Epi | Degeneration | Minimal |
| | Glands, Respirat Epith | Hyperplasia | Minimal |
| * Ovary | | Cyst | Minimal |
| * Pituitary Gland | Pars Distalis | Hyperplasia | Mild |
| * Salivary Glands | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Uterus | Endometrium | Hyperplasia | Cystic, Mild |

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 224

TMT: 2
DOSE: 0 mg/kg

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 0900224

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Eye			
Note: Both optic nerves were missing			
* Harderian Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Fatty Change	Minimal
[Eosinophilic Focus TGLs = 2-10]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLs = 1-7]			

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 226

TMT: 2

SEX: Female

DAY ON TEST: 687

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0900226

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Lymph Node, Mesenteric	* Parathyroid Gland
--------------------------	---------------------

OBSERVATIONS

* Eye	Cornea	Inflammation	Chronic, Mild
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Fatty Change	Minimal
* Ovary		Cyst	Minimal
* Spleen		Pigmentation	Hemosiderin, Moderate
* Stomach, Forestomach		Ulcer	Moderate
* Thymus		Atrophy	Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH - UNCERTAIN

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 227

TMT: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900227

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adren Cortex			
Note: One adrenal cortex was missing			
* Adren Medulla			
Note: One adrenal medulla was missing			
* Brain	Hypothalamus	Compression	Moderate
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Fatty Change	Minimal
		Hepatocellular Carcinoma	
	[Eosinophilic Focus TGLs = 4-13]		
	[Hepatocellular Carcinoma TGLs = 2-11]		
Lymph Node	Lumbar	Ectasia	Moderate
	[Ectasia TGLs = 1-10]		
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands, Respirat Epith	Hyperplasia	Minimal
* Ovary		Cyst	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 3-12]		
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol

CAS Number: 700-06-1

Date Report Requested: 03/25/2010

Time Report Requested: 12:07:47

First Dose M/F: 04/03/07 / 04/02/07

Lab: BAT

ANIMAL NUM: 228

TMT: 2

SEX: Female

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900228

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Gallbladder | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Mammary Gland | * Nose | * Ovary |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Skin |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

OBSERVATIONS

- | | | | |
|------------------------|----------------------------------|----------------------------------|-------------------------|
| * Harderian Gland | | Infiltration Cellular | Mononuclear CI, Mild |
| * Liver | | Clear Cell Focus | |
| | [Clear Cell Focus TGLs = 2-11] | | |
| * Lung | | Inflammation | Chronic, Minimal |
| Lymph Node | Renal | Ectasia | Moderate |
| | [Ectasia TGLs = 1-10] | | |
| * Salivary Glands | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Spleen | | Hematopoietic Cell Proliferation | Mild |
| * Stomach, Forestomach | | Ulcer | Moderate |
| * Stomach, Glandular | Epithelium | Hyperplasia | Mild |
| | [Hyperplasia TGLs = 3-12] | Hyperplasia | Lymphoid, Mild |
| | [Hyperplasia TGLs = 4-5+13] | | |
| * Thymus | | Atrophy | Mild |
| * Uterus | Endometrium | Hyperplasia | Cystic, Minimal |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 229

TMT: 2
 DOSE: 0 mg/kg

SEX: Female
 DISP: Terminal Sacrifice

DAY ON TEST: 729
 HISTO: 0900229

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Gallbladder | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney | * Lung |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland | * Nose |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Salivary Glands |
| * Skin | * Stomach, Glandular | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

OBSERVATIONS

- | | | | |
|------------------------|----------------------------------|----------------------------------|-------------------------|
| * Harderian Gland | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Liver | | Basophilic Focus | |
| | | Fatty Change | Mild |
| | [Basophilic Focus TGLs = 2-10] | | |
| * Ovary | | Cyst | Mild |
| | Note: One ovary was missing | | |
| | [Cyst TGLs = 1-7] | | |
| * Spleen | | Hematopoietic Cell Proliferation | Mild |
| * Stomach, Forestomach | | Ulcer | Moderate |
| | [Ulcer TGLs = 3-5+11] | | |
| * Thymus | | Atrophy | Minimal |
| * Uterus | Endometrium | Hyperplasia | Cystic, Minimal |

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 230

TMT: 2

SEX: Female

DAY ON TEST: 709

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0900230

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	* Bone	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Gallbladder

OBSERVATIONS

* Adrenal Cortex		Lymphoma Malignant	
Blood Vessel		Hemangioma	
* Heart	Myocardium	Mineralization	Moderate
* Kidney		Lymphoma Malignant	
* Liver		Fatty Change	Mild
		Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 5-3+4+5+11]		
* Lung		Lymphoma Malignant	
Lymph Node	Renal	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 3,4-10]		
	[Lymphoma Malignant TGLs = 6-12]		
* Lymph Node, Mandibular		Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 9-13]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 8-5]		
* Nose		Inflammation	Mild
* Ovary		Cyst	Mild
		Thrombosis	Marked
	[Cyst TGLs = 1-7]		

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 230

TMT: 2

SEX: Female

DAY ON TEST: 709

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0900230

ORGAN AND ACCOUNTABLE SITE STATUS

[Thrombosis TGLs = 7-7]

* Spleen

Lymphoma Malignant

[Lymphoma Malignant TGLs = 2-4]

* Stomach, Forestomach

Ulcer

Moderate

* Thymus

Atrophy

Moderate

PRIMARY CAUSE OF DEATH - Liver Lymphoma Malignant

CONTRIBUTORY CAUSE OF DEATH - Ovary Thrombosis

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 231

TMT: 2
DOSE: 0 mg/kg

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST: 718
HISTO: 0900231

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Pituitary Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Liver		Tension Lipidosis	Minimal
* Ovary		Cyst	Mild
		Cystadenoma	
		Necrosis	Moderate
Note: Based on histology, TGL 2 was located in ovary rather than uterus as described grossly.			
[Cyst TGLs = 2-11]			
* Skin	Subcut Tiss	Fibrosis	Marked
		Ulcer	Moderate
[Ulcer TGLs = 1-10]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Ovary Necrosis

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 232

TMT: 2

SEX: Female

DAY ON TEST: 731

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900232

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Liver		Angiectasis	Minimal
	[Angiectasis TGLs = 3-5]		
* Nose		Olfactory Epi Glands, Respirat Epith	Minimal
		Hyperplasia	Minimal
* Pituitary Gland		Pars Distalis	Adenoma
	[Adenoma TGLs = 1-6]		
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Minimal
* Uterus		Endometrium	Hyperplasia
	[Hyperplasia TGLs = 2-10]		Cystic, Moderate

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 233

TMT: 2
 DOSE: 0 mg/kg

SEX: Female
 DISP: Terminal Sacrifice

DAY ON TEST: 730
 HISTO: 0900233

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Gallbladder | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland |
| * Nose | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Skin | * Stomach, Forestomach | * Stomach, Glandular | * Thyroid Gland |
| * Trachea | * Urinary Bladder | * Uterus | |

OBSERVATIONS

- | | | |
|--|----------------------------------|-------------------------|
| * Harderian Gland | Adenoma | |
| [Adenoma TGLs = 1-9] | | |
| * Heart | Cardiomyopathy | Minimal |
| * Kidney | Nephropathy | Minimal |
| * Liver | Eosinophilic Focus | |
| | Hepatocellular Carcinoma | |
| [Eosinophilic Focus TGLs = 4-11] | | |
| [Hepatocellular Carcinoma TGLs = 3-10] | | |
| * Lung | Hepatocellular Carcinoma | Metastatic (Liver) |
| * Ovary | Cyst | Mild |
| [Cyst TGLs = 2-7] | | |
| * Salivary Glands | Infiltration Cellular | Mononuclear CI, Minimal |
| * Spleen | Hematopoietic Cell Proliferation | Minimal |
| * Thymus | Atrophy | Mild |

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 234

TMT: 2

SEX: Female

DAY ON TEST: 731

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900234

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Harderian Gland		Adenoma	
[Adenoma TGLs = 1-9]			
* Liver		Fatty Change	Minimal
* Nose		Inflammation	Minimal
* Ovary		Cyst	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 235

TMT: 2
 DOSE: 0 mg/kg

SEX: Female
 DISP: Terminal Sacrifice

DAY ON TEST: 731
 HISTO: 0900235

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Eye |
| * Gallbladder | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Nose |
| * Pancreas | * Parathyroid Gland | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Thyroid Gland | * Trachea | * Urinary Bladder |

OBSERVATIONS

- | | | | |
|----------------------|--------------------------------------|----------------------------------|-------------------------|
| * Bone | | Fibrosis | Mild |
| | | Fracture | Mild |
| | [Fracture TGLs = 5-10] | | |
| * Clitoral Gland | | | |
| | Note: One clitoral gland was missing | | |
| * Harderian Gland | | Hyperplasia | Minimal |
| | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Islets, Pancreatic | | Hyperplasia | Minimal |
| * Kidney | | Nephropathy | Minimal |
| * Liver | | Eosinophilic Focus | |
| | | Fatty Change | Mild |
| | | Tension Lipidosis | Minimal |
| | [Eosinophilic Focus TGLs = 3-12] | | |
| * Mammary Gland | | Carcinoma | |
| | [Carcinoma TGLs = 1-11] | | |
| * Ovary | Bilateral | Tubulostromal Adenoma | |
| | [Tubulostromal Adenoma TGLs = 2-7] | | |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| | [Adenoma TGLs = 4-6] | | |
| * Salivary Glands | | Infiltration Cellular | Mononuclear CI, Mild |
| * Spleen | | Hematopoietic Cell Proliferation | Mild |
| * Thymus | | Atrophy | Minimal |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 235

TMT: 2

SEX: Female

DAY ON TEST: 731

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900235

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus

Endometrium

Hyperplasia

Cystic, Mild

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 236

TMT: 2
 DOSE: 0 mg/kg

SEX: Female
 DISP: Moribund Sacrifice

DAY ON TEST: 639
 HISTO: 0900236

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|--------------------------|
| * Adrenal Medulla | Blood Vessel | * Bone | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Eye |
| * Harderian Gland | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Islets, Pancreatic |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Nose | * Ovary |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Salivary Glands |
| * Skin | * Spleen | * Stomach, Forestomach | * Stomach, Glandular |
| * Thyroid Gland | * Trachea | * Urinary Bladder | * Uterus |

OBSERVATIONS

- | | | |
|---|--------------------------|---|
| * Adrenal Cortex
[Inflammation TGLs = 1-10] | Inflammation | Chronic, Mild |
| * Gallbladder | Inflammation | Chronic, Mild |
| * Intestine Small, Jejunum
[Ulcer TGLs = 4-13] | Leiomyosarcoma
Ulcer | Metastatic (Intestine Small, Jejunum)
Marked |
| * Kidney | Infarct | Minimal |
| * Liver
[Fatty Change TGLs = 3-3+4+5+12] | Fatty Change
Necrosis | Marked
Mild |
| * Lung
Mediastinum | Inflammation | Chronic, Moderate |
| * Mammary Gland
[Inflammation TGLs = 2-11] | Inflammation | Chronic, Marked |
| * Thymus | Atrophy | Marked |

PRIMARY CAUSE OF DEATH - Intestine Small, Jejunum Ulcer

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 237

TMT: 2
 DOSE: 0 mg/kg

SEX: Female
 DISP: Moribund Sacrifice

DAY ON TEST: 695
 HISTO: 0900237

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone		Fibrosis	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Fatty Change	Moderate
* Nose	Olfactory Epi Glands, Respirat Epith	Degeneration	Minimal
* Ovary		Hyperplasia	Minimal
		Cyst	Mild
* Skin	Subcut Tiss	Cystadenoma	
		Sarcoma	
Note: Based on histology, TGL 1 was in the skin rather than in the mammary gland. [Sarcoma TGLs = 1-10]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Sarcoma

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 238

TMT: 2

SEX: Female

DAY ON TEST: 506

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0900238

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex		Hematopoietic Cell Proliferation	Moderate
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Mineralization	Mild
		Nephropathy	Moderate
* Liver		Fatty Change	Mild
		Hematopoietic Cell Proliferation	Mild
* Lung		Inflammation	Chronic, Minimal
		Thrombosis	Moderate
Mesentery	Fat	Necrosis	Marked
[Necrosis TGLs = 1-10]			
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Mesentery Fat Necrosis

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 239

TMT: 2
 DOSE: 0 mg/kg

SEX: Female
 DISP: Natural Death

DAY ON TEST: 647
 HISTO: 0900239

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Gallbladder | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney | * Lung |
| * Lymph Node, Mandibular | * Mammary Gland | * Nose | * Ovary |
| * Parathyroid Gland | * Pituitary Gland | * Salivary Glands | * Skin |
| * Stomach, Forestomach | * Stomach, Glandular | * Thyroid Gland | * Trachea |
| * Urinary Bladder | * Uterus | | |

OBSERVATIONS

- | | | | |
|--------------------------|---------------|----------------------------------|-------------------------|
| * Harderian Gland | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Liver | | Fatty Change | Mild |
| | | Tension Lipidosis | Minimal |
| * Lymph Node, Mesenteric | | Lymphoma Malignant | |
| [Lymphoma Malignant | TGLs = 2-5] | | |
| * Pancreas | | Lymphoma Malignant | |
| [Lymphoma Malignant | TGLs = 1-10] | | |
| * Spleen | | Hematopoietic Cell Proliferation | Minimal |
| * Thymus | | Atrophy | Moderate |

PRIMARY CAUSE OF DEATH - Pancreas Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 240

TMT: 2
 DOSE: 0 mg/kg

SEX: Female
 DISP: Terminal Sacrifice

DAY ON TEST: 730
 HISTO: 0900240

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Harderian Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Fatty Change	Minimal
	[Basophilic Focus TGLs = 1-10]		
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands, Respirat Epith	Hyperplasia	Minimal
* Ovary		Cyst	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 241

TMT: 2
DOSE: 0 mg/kg

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 0900241

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Harderian Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Nose		Inflammation	Minimal
* Ovary		Cyst	Minimal
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

[Hyperplasia TGLs = 1,2-7]

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 242

TMT: 2
DOSE: 0 mg/kg

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 0900242

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Liver		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLs = 1,2-10+11]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach		Squamous Cell Papilloma	
	[Squamous Cell Papilloma TGLs = 3-12]		

TDMS No. 20006 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol

CAS Number: 700-06-1

Date Report Requested: 03/25/2010

Time Report Requested: 12:07:47

First Dose M/F: 04/03/07 / 04/02/07

Lab: BAT

ANIMAL NUM: 243

TMT: 2

SEX: Female

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900243

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Cortex
- * Adrenal Medulla
- * Bone Marrow
- * Brain
- * Eye
- * Gallbladder
- * Intestine Large, Colon
- * Intestine Large, Rectum
- * Intestine Small, Jejunum
- * Islets, Pancreatic
- * Mammary Gland
- * Ovary
- * Pituitary Gland
- * Skin
- * Thyroid Gland
- * Trachea
- Blood Vessel
- * Clitoral Gland
- * Heart
- * Intestine Small, Duodenum
- * Lymph Node, Mandibular
- * Pancreas
- * Stomach, Forestomach
- * Urinary Bladder
- * Bone
- * Esophagus
- * Intestine Large, Cecum
- * Intestine Small, Ileum
- * Lymph Node, Mesenteric
- * Parathyroid Gland
- * Stomach, Glandular

OBSERVATIONS

- * Harderian Gland
 - Hyperplasia
 - Infiltration Cellular
- * Kidney
 - Nephropathy
- * Liver
 - Basophilic Focus
 - Mixed Cell Focus
- * Lung
 - [Basophilic Focus TGLs = 5-12]
 - [Mixed Cell Focus TGLs = 4,6-11+13]
 - Alveolus
 - Infiltration Cellular
- * Nose
 - [Infiltration Cellular TGLs = 3-10]
 - Olfactory Epi
 - Glands, Respirat Epith
- * Ovary
 - Note: One ovary was missing
- * Salivary Glands
 - Degeneration
 - Hyperplasia
- * Spleen
 - Infiltration Cellular
 - Hematopoietic Cell Proliferation
- * Thymus
 - Atrophy
- * Uterus
 - Endometrium
 - Hyperplasia

[Hyperplasia TGLs = 1,2-7]

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 244

TMT: 2
 DOSE: 0 mg/kg

SEX: Female
 DISP: Terminal Sacrifice

DAY ON TEST: 730
 HISTO: 0900244

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
	[Hepatocellular Carcinoma TGLs = 1-10]	Hepatocellular Carcinoma	
* Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLs = 2-11]		
* Ovary		Cyst	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 245

TMT: 2

SEX: Female

DAY ON TEST: 589

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0900245

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Histiocytic Sarcoma	
* Bone Marrow		Histiocytic Sarcoma	
* Kidney		Histiocytic Sarcoma	
		Nephropathy	Mild
	[Histiocytic Sarcoma TGLs = 4-4]		
* Liver		Fatty Change	Mild
		Histiocytic Sarcoma	
	[Histiocytic Sarcoma TGLs = 2-3+4+5+10]		
* Lung		Histiocytic Sarcoma	
Lymph Node	Renal	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 5-11]		
	[Lymphoma Malignant TGLs = 6-12]		
* Lymph Node, Mandibular		Histiocytic Sarcoma	
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
* Salivary Glands		Infiltration Cellular	Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
		Histiocytic Sarcoma	
	[Histiocytic Sarcoma TGLs = 3-4]		
* Stomach, Forestomach		Ulcer	Mild
	[Ulcer TGLs = 7-13]		
* Thymus		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 245

TMT: 2

SEX: Female

DAY ON TEST: 589

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 0900245

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus

Endometrium

Hyperplasia

Cystic, Moderate

[Hyperplasia TGLs = 1-7]

PRIMARY CAUSE OF DEATH

- Spleen Hematopoietic Cell Proliferation

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 246

TMT: 2
 DOSE: 0 mg/kg

SEX: Female
 DISP: Terminal Sacrifice

DAY ON TEST: 730
 HISTO: 0900246

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Marked
* Kidney		Mineralization	Minimal
		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Fatty Change	Mild
	[Basophilic Focus TGLs = 1-10]		
	[Eosinophilic Focus TGLs = 2,3-11+12]		
* Ovary		Cyst	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Minimal
* Urinary Bladder		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 247

TMT: 2
DOSE: 0 mg/kg

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST: 697
HISTO: 0900247

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Brain
* Esophagus	* Eye	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Adrenal Cortex	* Adrenal Medulla	* Clitoral Gland	* Parathyroid Gland
* Thymus			

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Pancreas	Acinus	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular		Mineralization	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Necrosis	Moderate

[Hyperplasia TGLs = 1-7]

PRIMARY CAUSE OF DEATH - Uterus Necrosis

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 248

TMT: 2
 DOSE: 0 mg/kg

SEX: Female
 DISP: Terminal Sacrifice

DAY ON TEST: 729
 HISTO: 0900248

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Harderian Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Fatty Change	Mild
		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLs = 1-10]		
* Ovary	Corpus Luteum	Hyperplasia	Marked
	[Hyperplasia TGLs = 2-7]		
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 249

TMT: 2
 DOSE: 0 mg/kg

SEX: Female
 DISP: Moribund Sacrifice

DAY ON TEST: 684
 HISTO: 0900249

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Intestine Large, Cecum		Lymphoma Malignant	
* Intestine Small, Ileum		Lymphoma Malignant	
		Ulcer	Marked
	[Ulcer TGLs = 1-10]		
* Kidney		Nephropathy	Minimal
* Liver		Fatty Change	Mild
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands, Respirat Epith	Hyperplasia	Minimal
* Pancreas		Inflammation	Chronic, Mild
* Spleen		Hematopoietic Cell Proliferation	Marked
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Intestine Small, Ileum Ulcer

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 250

TMT: 2

SEX: Female

DAY ON TEST: 568

DOSE: 0 mg/kg

DISP: Dosing Accident

HISTO: 0900250

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Esophagus

Note: No histologic finding corresponds with gross observation of ruptured esophagus (TGL 5)

* Islets, Pancreatic

Hyperplasia

Minimal

* Kidney

Nephropathy

Mild

* Liver

Clear Cell Focus

Eosinophilic Focus

Fatty Change

Minimal

Hepatocellular Adenoma

[Clear Cell Focus TGLs = 3-11]

[Hepatocellular Adenoma TGLs = 2-10]

Mesentery

Fat

Necrosis

Mild

[Necrosis TGLs = 4-12]

* Thymus

Atrophy

Marked

* Uterus

Endometrium

Hyperplasia

Cystic, Moderate

[Hyperplasia TGLs = 1-7]

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 251

TMT: 4

SEX: Female

DAY ON TEST: 731

DOSE: 62.5 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900251

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Harderian Gland	Hyperplasia	Mild
* Liver	Fatty Change	Mild
* Ovary	Cyst	Minimal
* Salivary Glands	Infiltration Cellular	Mononuclear CI, Minimal
* Spleen	Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Inflammation	Chronic, Minimal
* Thymus	Atrophy	Minimal

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 252

TMT: 4

SEX: Female

DAY ON TEST: 730

DOSE: 62.5 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900252

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Harderian Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Amyloid Deposition	Minimal
		Fatty Change	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 253

TMT: 4

SEX: Female

DAY ON TEST: 701

DOSE: 62.5 mg/kg

DISP: Moribund Sacrifice

HISTO: 0900253

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Brain		Meningioma Benign	
	[Meningioma Benign TGLs = 1-2]		
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Fatty Change	Minimal
		Tension Lipidosis	Minimal
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands, Respirat Epith	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH - Brain Meningioma Benign

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 254

TMT: 4
 DOSE: 62.5 mg/kg

SEX: Female
 DISP: Terminal Sacrifice

DAY ON TEST: 731
 HISTO: 0900254

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adren Cortex			
	Note: One adrenal cortex was missing		
* Adren Medulla			
	Note: One adrenal medulla was missing		
* Harderian Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Hepatocellular Carcinoma	Multiple
	[Hepatocellular Carcinoma TGLs = 1,5-10]		
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Ovary		Cyst	Mild
	[Cyst TGLs = 2-7]		
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 4-6]		
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular		Inflammation	Chronic, Minimal
* Thymus		Atrophy	Minimal
* Uterus		Inflammation	Suppurative, Mild
	[Inflammation TGLs = 3-11]		

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 255

TMT: 4
 DOSE: 62.5 mg/kg

SEX: Female
 DISP: Moribund Sacrifice

DAY ON TEST: 681
 HISTO: 0900255

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Harderian Gland		Adenoma	
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Fatty Change	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
Skeletal Muscle		Rhabdomyosarcoma	
	[Rhabdomyosarcoma TGLs = 1-10]		
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

PRIMARY CAUSE OF DEATH - Skeletal Muscle Rhabdomyosarcoma

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 256

TMT: 4

SEX: Female

DAY ON TEST: 730

DOSE: 62.5 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900256

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Bone		Fibrosis	Minimal
* Kidney		Mineralization	Minimal
* Liver		Fatty Change	Minimal
		Hepatodiaphragmatic Nodule	
	[Hepatodiaphragmatic Nodule TGLs = 1-10]		
* Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
* Nose	Olfactory Epi Glands, Respirat Epith	Degeneration	Minimal
		Hyperplasia	Minimal
* Thymus		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 257

TMT: 4
 DOSE: 62.5 mg/kg

SEX: Female
 DISP: Terminal Sacrifice

DAY ON TEST: 729
 HISTO: 0900257

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Harderian Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Fatty Change	Mild
		Hepatocellular Adenoma	
		Lymphoma Malignant	
	[Clear Cell Focus TGLs = 4,5-13+14]		
	[Hepatocellular Adenoma TGLs = 3-12]		
Lymph Node	Renal	Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 1-10]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 6-15]		
* Pituitary Gland		Cyst	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
		Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 2-11]		
* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 258

TMT: 4

SEX: Female

DAY ON TEST: 729

DOSE: 62.5 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900258

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Mild
* Kidney		Nephropathy	Minimal
* Liver		Mixed Cell Focus	
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 259

TMT: 4

SEX: Female

DAY ON TEST: 730

DOSE: 62.5 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900259

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Liver		Basophilic Focus	
		Fatty Change	Mild
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands, Respirat Epith	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Epithelium	Hyperplasia	Minimal
	Epithelium	Necrosis	Minimal
* Thymus		Atrophy	Mild

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 260

TMT: 4

SEX: Female

DAY ON TEST: 729

DOSE: 62.5 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900260

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Fatty Change	Minimal
		Mixed Cell Focus	
	[Mixed Cell Focus TGLs = 1-10]		
* Ovary		Cyst	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 261

TMT: 4

SEX: Female

DAY ON TEST: 729

DOSE: 62.5 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900261

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Bone	Fibrosis	Minimal
* Harderian Gland	Infiltration Cellular	Mononuclear CI, Minimal
* Liver	Fatty Change	Minimal
* Ovary	Cyst	Minimal
[Cyst TGLs = 1-7]		
* Salivary Glands	Infiltration Cellular	Mononuclear CI, Minimal
* Thymus	Atrophy	Mild

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 262

TMT: 4

SEX: Female

DAY ON TEST: 558

DOSE: 62.5 mg/kg

DISP: Moribund Sacrifice

HISTO: 0900262

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland	* Pancreas
* Pituitary Gland	* Skin	* Trachea	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Lymphoma Malignant Necrosis	Mild
* Bone Marrow		Lymphoma Malignant	
* Gallbladder		Lymphoma Malignant	
* Harderian Gland		Lymphoma Malignant	
* Heart		Lymphoma Malignant	
* Kidney		Lymphoma Malignant Nephropathy	Minimal
* Liver		Fatty Change Lymphoma Malignant	Mild
	[Lymphoma Malignant TGLs = 1-10]		
* Lung		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 4-11]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 3-5]		
* Nose	Olfactory Epi Glands, Respirat Epith	Degeneration Hyperplasia	Minimal Minimal
* Ovary		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
* Stomach, Forestomach		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 262

TMT: 4

SEX: Female

DAY ON TEST: 558

DOSE: 62.5 mg/kg

DISP: Moribund Sacrifice

HISTO: 0900262

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular	Lymphoma Malignant
* Thymus	Lymphoma Malignant
[Lymphoma Malignant TGLs = 5-6]	
* Thyroid Gland	Lymphoma Malignant
* Urinary Bladder	Lymphoma Malignant
* Uterus	Lymphoma Malignant

PRIMARY CAUSE OF DEATH - Liver Lymphoma Malignant

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 263

TMT: 4
 DOSE: 62.5 mg/kg

SEX: Female
 DISP: Terminal Sacrifice

DAY ON TEST: 731
 HISTO: 0900263

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Fatty Change	Mild
		Mixed Cell Focus	
	[Eosinophilic Focus TGLs = 1,2,4-10+11+12]		
	[Mixed Cell Focus TGLs = 3-4]		
* Pancreas	Acinus	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 264

TMT: 4
DOSE: 62.5 mg/kg

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 0900264

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Harderian Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Fatty Change	Minimal
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLs = 3-11]		
* Ovary		Cystadenoma	
	[Cystadenoma TGLs = 1-10]		
* Uterus		Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLs = 2-7]		

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 265

TMT: 4

SEX: Female

DAY ON TEST: 688

DOSE: 62.5 mg/kg

DISP: Moribund Sacrifice

HISTO: 0900265

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Brain	Meninges	Inflammation	Chronic, Marked
* Harderian Gland		Infiltration Cellular	Mononuclear CI, Mild
* Liver		Fatty Change	Moderate
	[Mixed Cell Focus TGLs = 1,2-10+11]	Mixed Cell Focus	
* Lung		Hyperplasia	Lymphoid, Moderate
* Ovary		Cyst	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH - Brain Meninges Inflammation

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 266

TMT: 4

SEX: Female

DAY ON TEST: 620

DOSE: 62.5 mg/kg

DISP: Natural Death

HISTO: 0900266

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone		Fibrosis	Mild
* Liver		Fatty Change	Mild
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - UNCERTAIN

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 267

TMT: 4
 DOSE: 62.5 mg/kg

SEX: Female
 DISP: Terminal Sacrifice

DAY ON TEST: 730
 HISTO: 0900267

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Harderian Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Fatty Change	Mild
Note: No corresponding microscopic finding for TGL 2.			
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLs = 1-10]			
* Ovary		Cyst	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 268

TMT: 4
 DOSE: 62.5 mg/kg

SEX: Female
 DISP: Terminal Sacrifice

DAY ON TEST: 731
 HISTO: 0900268

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Harderian Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Fatty Change	Minimal
		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLs = 1-10]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLs = 2-11]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Epithelium	Necrosis	Minimal
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 269

TMT: 4

SEX: Female

DAY ON TEST: 729

DOSE: 62.5 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900269

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Clitoral Gland

Note: One clitoral gland was missing

* Harderian Gland

* Liver

Infiltration Cellular	Mononuclear CI, Minimal
Basophilic Focus	
Clear Cell Focus	
Eosinophilic Focus	
Fatty Change	Mild
Hepatocellular Carcinoma	
Mixed Cell Focus	

Note: No corresponding microscopic fiunding for TGL 5.

[Basophilic Focus TGLs = 2-4]

[Eosinophilic Focus TGLs = 3-11]

[Hepatocellular Carcinoma TGLs = 1-10]

[Mixed Cell Focus TGLs = 4-12]

* Lung

* Pituitary Gland

* Salivary Glands

* Spleen

* Stomach, Glandular

Pars Distalis

Epithelium

Epithelium

Hepatocellular Carcinoma	Metastatic (Liver)
Hyperplasia	Minimal
Infiltration Cellular	Mononuclear CI, Mild
Hematopoietic Cell Proliferation	Minimal
Hyperplasia	Mild
Inflammation	Chronic, Minimal
Necrosis	Minimal

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 269

TMT: 4

SEX: Female

DAY ON TEST: 729

DOSE: 62.5 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900269

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Atrophy

Minimal

* Uterus

Endometrium

Hyperplasia

Cystic, Mild

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 270

TMT: 4
 DOSE: 62.5 mg/kg

SEX: Female
 DISP: Terminal Sacrifice

DAY ON TEST: 729
 HISTO: 0900270

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Gallbladder | * Harderian Gland | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland | * Nose |
| * Ovary | * Pancreas | * Parathyroid Gland | * Skin |
| * Spleen | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

OBSERVATIONS

- | | | | |
|---|--|------------------------|-------------------------|
| * Kidney | | Nephropathy | Minimal |
| * Liver | | Fatty Change | Mild |
| | | Hepatocellular Adenoma | |
| Note: No corresponding microscopic finding for TGL 3. | | | |
| | [Hepatocellular Adenoma TGLs = 2-11] | | |
| Mesentery | Fat | Necrosis | Minimal |
| | [Necrosis TGLs = 1-10] | | |
| * Pituitary Gland | Pars Distalis | Hyperplasia | Mild |
| * Salivary Glands | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Uterus | Endometrium | Hyperplasia | Cystic, Moderate |

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 271

TMT: 4

SEX: Female

DAY ON TEST: 731

DOSE: 62.5 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900271

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Clitoral Gland			
Note: One clitoral gland was missing			
* Eye		Inflammation	Chronic, Moderate
[Inflammation TGLs = 4-9]			
* Gallbladder		Cyst	Minimal
* Harderian Gland		Adenoma	
[Adenoma TGLs = 3-9]			
* Liver		Eosinophilic Focus	
		Fatty Change	Minimal
		Hepatocellular Adenoma	
		Mixed Cell Focus	
Note: No corresponding microscopic finding for TGL 5			
[Hepatocellular Adenoma TGLs = 2-10]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Minimal
* Uterus		Inflammation	Chronic, Moderate
[Inflammation TGLs = 1-7]			

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 272

TMT: 4
DOSE: 62.5 mg/kg

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 0900272

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Liver	Eosinophilic Focus	
	Fatty Change	Mild
	Hepatocellular Adenoma	
[Eosinophilic Focus TGLs = 2,4,6,7-5+10+12+14]		
[Hepatocellular Adenoma TGLs = 3-11]		
Mesentery	Fat	Necrosis
[Necrosis TGLs = 5-13]		Minimal
* Salivary Glands	Infiltration Cellular	Mononuclear CI, Minimal
* Spleen	Hematopoietic Cell Proliferation	Minimal
* Thymus	Atrophy	Mild
* Uterus	Inflammation	Chronic, Moderate
[Inflammation TGLs = 1-7]		

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 273

TMT: 4
 DOSE: 62.5 mg/kg

SEX: Female
 DISP: Terminal Sacrifice

DAY ON TEST: 730
 HISTO: 0900273

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Gallbladder | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Mammary Gland | * Nose | * Ovary |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Skin |
| * Stomach, Forestomach | * Stomach, Glandular | * Thyroid Gland | * Trachea |
| * Urinary Bladder | * Uterus | | |

OBSERVATIONS

- | | | |
|---|----------------------------------|-------------------------|
| * Harderian Gland | Infiltration Cellular | Mononuclear CI, Minimal |
| * Kidney | Nephropathy | Minimal |
| * Liver | Eosinophilic Focus | |
| | Fatty Change | Mild |
| | Hepatocellular Adenoma | Multiple |
| | Hepatocellular Carcinoma | |
| [Eosinophilic Focus TGLs = 5,6-5+13] | | |
| [Hepatocellular Adenoma TGLs = 3,4-11+12] | | |
| [Hepatocellular Carcinoma TGLs = 2-10] | | |
| * Salivary Glands | Infiltration Cellular | Mononuclear CI, Minimal |
| * Spleen | Hematopoietic Cell Proliferation | Minimal |
| * Thymus | Hyperplasia | Moderate |
| [Hyperplasia TGLs = 1-6] | | |

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 274

TMT: 4
 DOSE: 62.5 mg/kg

SEX: Female
 DISP: Terminal Sacrifice

DAY ON TEST: 729
 HISTO: 0900274

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Gallbladder | * Harderian Gland | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney |
| * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland |
| * Ovary | * Pancreas | * Pituitary Gland | * Skin |
| * Stomach, Forestomach | * Stomach, Glandular | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

MISSING

- * Parathyroid Gland

OBSERVATIONS

- | | | | |
|-------------------|--|----------------------------------|-------------------------|
| * Liver | | Eosinophilic Focus | |
| | | Fatty Change | Minimal |
| | | Hepatocellular Adenoma | |
| | | Necrosis | Minimal |
| | [Eosinophilic Focus TGLs = 3-11] | | |
| | [Hepatocellular Adenoma TGLs = 2-10] | | |
| * Nose | | Inflammation | Minimal |
| * Salivary Glands | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Spleen | | Hematopoietic Cell Proliferation | Mild |
| * Thymus | | Atrophy | Minimal |
| * Uterus | Endometrium | Hyperplasia | Cystic, Moderate |
| | [Hyperplasia TGLs = 1-7] | | |

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 275

TMT: 4

SEX: Female

DAY ON TEST: 730

DOSE: 62.5 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900275

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Clitoral GI

Note: One clitoral gland was missing

* Harderian Gland

* Liver

* Salivary Glands

* Spleen

* Uterus

Endometrium

Infiltration Cellular

Fatty Change

Infiltration Cellular

Hematopoietic Cell Proliferation

Hyperplasia

Inflammation

Mononuclear CI, Minimal

Minimal

Mononuclear CI, Minimal

Minimal

Cystic, Moderate

Chronic, Mild

[Inflammation TGLs = 1-7]

TDMS No. 20006 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol

CAS Number: 700-06-1

Date Report Requested: 03/25/2010

Time Report Requested: 12:07:47

First Dose M/F: 04/03/07 / 04/02/07

Lab: BAT

ANIMAL NUM: 276

TMT: 4

SEX: Female

DAY ON TEST: 730

DOSE: 62.5 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900276

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Gallbladder | * Harderian Gland | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland | * Nose |
| * Ovary | * Parathyroid Gland | * Pituitary Gland | * Skin |
| * Stomach, Forestomach | * Thyroid Gland | * Trachea | * Urinary Bladder |

OBSERVATIONS

- | | | | |
|----------------------|--|----------------------------------|-------------------------|
| * Liver | | Eosinophilic Focus | |
| | | Fatty Change | Minimal |
| | | Hepatocellular Adenoma | |
| | | Hepatocellular Carcinoma | |
| | | Mixed Cell Focus | |
| | [Eosinophilic Focus TGLs = 4-13] | | |
| | [Hepatocellular Adenoma TGLs = 1-10] | | |
| | [Hepatocellular Carcinoma TGLs = 2-11] | | |
| | [Mixed Cell Focus TGLs = 5-14] | | |
| * Lung | | Inflammation | Chronic, Mild |
| | [Inflammation TGLs = 6-15] | | |
| * Pancreas | | Inflammation | Chronic, Mild |
| * Salivary Glands | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Spleen | | Hematopoietic Cell Proliferation | Mild |
| * Stomach, Glandular | Epithelium | Hyperplasia | Minimal |
| | | Inflammation | Chronic, Minimal |
| | Epithelium | Necrosis | Minimal |
| * Thymus | | Atrophy | Mild |
| * Uterus | Endometrium | Hyperplasia | Cystic, Moderate |
| | | Inflammation | Chronic, Moderate |
| | [Inflammation TGLs = 3-12] | | |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 277

TMT: 4
 DOSE: 62.5 mg/kg

SEX: Female
 DISP: Terminal Sacrifice

DAY ON TEST: 730
 HISTO: 0900277

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Gallbladder | * Harderian Gland | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland | * Nose |
| * Ovary | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Skin | * Stomach, Forestomach | * Stomach, Glandular | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

OBSERVATIONS

- | | | | |
|---|----------------------------------|----------------------------------|-------------------------|
| * Clitoral Gland | | | |
| Note: One clitoral gland was missing, though its duct was present | | | |
| * Kidney | Renal Tubule | Adenoma | |
| | [Adenoma TGLs = 1-9] | | |
| * Liver | | Fatty Change | Mild |
| | [Mixed Cell Focus TGLs = 2-10] | Mixed Cell Focus | |
| * Salivary Glands | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Spleen | | Hematopoietic Cell Proliferation | Minimal |
| * Thymus | | Atrophy | Mild |
| * Uterus | Endometrium | Hyperplasia | Cystic, Minimal |

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 278

TMT: 4

SEX: Female

DAY ON TEST: 730

DOSE: 62.5 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900278

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Liver		Fatty Change	Mild
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Ovary		Cyst	Mild
[Cyst TGLs = 1-7]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

TDMS No. 20006 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol

CAS Number: 700-06-1

Date Report Requested: 03/25/2010

Time Report Requested: 12:07:47

First Dose M/F: 04/03/07 / 04/02/07

Lab: BAT

ANIMAL NUM: 279

TMT: 4

SEX: Female

DAY ON TEST: 730

DOSE: 62.5 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900279

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Cytoplasmic Alteration	Mild
* Harderian Gland		Adenoma	
[Adenoma TGLs = 4-9]			
* Liver		Fatty Change	Mild
		Inflammation	Chronic, Moderate
* Lung		Alveolar/Bronchiolar Adenoma	
[Alveolar/Bronchiolar Adenoma TGLs = 3-11]			
Lymph Node	Renal	Lymphoma Malignant	
	Lumbar	Lymphoma Malignant	
[Lymphoma Malignant TGLs = 5-12]			
[Lymphoma Malignant TGLs = 6-13]			
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant TGLs = 1-10]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands, Respirat Epith	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Mononuclear Cl, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLs = 2-4]			
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 280

TMT: 4

SEX: Female

DAY ON TEST: 687

DOSE: 62.5 mg/kg

DISP: Moribund Sacrifice

HISTO: 0900280

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone Marrow	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Mild
* Bone		Fibrosis	Mild
* Harderian Gland		Adenoma	
[Adenoma TGLs = 4-9]			
* Islets, Pancreatic		Adenoma	
* Kidney		Nephropathy	Mild
* Liver		Fatty Change	Minimal
		Hepatocellular Adenoma	Multiple
[Hepatocellular Adenoma TGLs = 1,3-10+12]		Mixed Cell Focus	
[Mixed Cell Focus TGLs = 2-11]			
* Ovary		Cyst	Mild
* Pancreas	Acinus	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Adenoma

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 281

TMT: 4
 DOSE: 62.5 mg/kg

SEX: Female
 DISP: Terminal Sacrifice

DAY ON TEST: 731
 HISTO: 0900281

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Harderian Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Fatty Change	Mild
	[Eosinophilic Focus TGLs = 1,2-5+10]		
* Nose	Olfactory Epi Glands, Respirat Epith	Degeneration	Minimal
		Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 282

TMT: 4

SEX: Female

DAY ON TEST: 729

DOSE: 62.5 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900282

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
Note: No corresponding microscopic finding for TGL 6. [Eosinophilic Focus TGLs = 2,3,4,5-4+10+11+12]			
* Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hyperplasia	Mild
[Adenoma TGLs = 1-6]			
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

TDMS No. 20006 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol

CAS Number: 700-06-1

Date Report Requested: 03/25/2010

Time Report Requested: 12:07:47

First Dose M/F: 04/03/07 / 04/02/07

Lab: BAT

ANIMAL NUM: 283

TMT: 4

SEX: Female

DAY ON TEST: 731

DOSE: 62.5 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900283

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Cortex
- * Adrenal Medulla
- * Bone Marrow
- * Brain
- * Eye
- * Gallbladder
- * Intestine Large, Colon
- * Intestine Large, Rectum
- * Intestine Small, Jejunum
- * Islets, Pancreatic
- * Lymph Node, Mandibular
- * Lymph Node, Mesenteric
- * Parathyroid Gland
- * Skin
- * Trachea
- * Urinary Bladder
- * Blood Vessel
- * Clitoral Gland
- * Heart
- * Intestine Small, Duodenum
- * Kidney
- * Mammary Gland
- * Stomach, Forestomach
- * Uterus
- * Bone
- * Esophagus
- * Intestine Large, Cecum
- * Intestine Small, Ileum
- * Lung
- * Pancreas
- * Thyroid Gland

OBSERVATIONS

- * Adren Cortex
 - Note: One adrenal cortex was missing
- * Adren Medulla
 - Note: One adrenal medulla was missing
- * Harderian Gland
- * Liver
 - Hyperplasia
 - Basophilic Focus
 - Eosinophilic Focus
 - Hepatocellular Adenoma
 - Minimal
- [Eosinophilic Focus TGLs = 2,4,6,7-11+13+14+15]
 - [Hepatocellular Adenoma TGLs = 3-12]
- Mesentery
 - Fat
 - Necrosis
 - Mild
- [Necrosis TGLs = 1-10]
- * Nose
 - Olfactory Epi
 - Degeneration
 - Minimal
 - Glands, Respirat Epith
 - Hyperplasia
 - Minimal
- * Ovary
 - Cyst
 - Minimal
- * Pituitary Gland
 - Pars Distalis
 - Adenoma
- [Adenoma TGLs = 5-6]
- * Salivary Glands
 - Infiltration Cellular
 - Mononuclear Cl, Minimal
- * Spleen
 - Hematopoietic Cell Proliferation
 - Mild
- * Stomach, Glandular
 - Epithelium
 - Hyperplasia
 - Mild
 - Inflammation
 - Chronic, Minimal

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 283

TMT: 4

SEX: Female

DAY ON TEST: 731

DOSE: 62.5 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900283

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus	Epithelium	Necrosis	Minimal
		Atrophy	Minimal

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 284

TMT: 4

SEX: Female

DAY ON TEST: 730

DOSE: 62.5 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900284

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Skin
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Harderian Gland		Hyperplasia	Mild
* Liver		Fatty Change	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach		Ulcer	Minimal
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant	TGLs = 1-6]		
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 285

TMT: 4

SEX: Female

DAY ON TEST: 729

DOSE: 62.5 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900285

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 1,2,3,4,5-10+11+12+13+14]		
* Nose		Olfactory Epi	Minimal
		Glands, Respirat Epith	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 286

TMT: 4

SEX: Female

DAY ON TEST: 731

DOSE: 62.5 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900286

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Mild
* Harderian Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Angiectasis	Minimal
		Eosinophilic Focus	
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 287

TMT: 4
 DOSE: 62.5 mg/kg

SEX: Female
 DISP: Moribund Sacrifice

DAY ON TEST: 620
 HISTO: 0900287

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Brain | * Clitoral Gland | * Esophagus | * Eye |
| * Gallbladder | * Harderian Gland | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Mammary Gland | * Nose |
| * Parathyroid Gland | * Pituitary Gland | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Thyroid Gland | * Trachea | * Urinary Bladder |

OBSERVATIONS

- | | | | |
|--------------------------|--|--------------------|-----------------|
| * Bone Marrow | | Lymphoma Malignant | |
| * Kidney | | Lymphoma Malignant | |
| * Liver | | Lymphoma Malignant | |
| | [Lymphoma Malignant TGLs = 4-3+4+5+12] | | |
| * Lung | | Lymphoma Malignant | |
| Lymph Node | Pancreatic | Lymphoma Malignant | |
| | [Lymphoma Malignant TGLs = 3-11] | | |
| * Lymph Node, Mandibular | | Lymphoma Malignant | |
| * Lymph Node, Mesenteric | | Lymphoma Malignant | |
| * Ovary | | Cyst | Mild |
| | [Cyst TGLs = 2-7] | Lymphoma Malignant | |
| * Pancreas | | Lymphoma Malignant | |
| * Salivary Glands | | Lymphoma Malignant | |
| * Spleen | | Lymphoma Malignant | |
| | [Lymphoma Malignant TGLs = 1-10] | | |
| * Thymus | | Lymphoma Malignant | |
| * Uterus | Endometrium | Hyperplasia | Cystic, Minimal |

PRIMARY CAUSE OF DEATH - Liver Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 288

TMT: 4
DOSE: 62.5 mg/kg

SEX: Female
DISP: Natural Death

DAY ON TEST: 642
HISTO: 0900288

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Liver		Fatty Change	Minimal
* Thymus		Atrophy	Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH - UNCERTAIN

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 289

TMT: 4
DOSE: 62.5 mg/kg

SEX: Female
DISP: Natural Death

DAY ON TEST: 650
HISTO: 0900289

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Liver	Fatty Change	Minimal
[Hepatocellular Carcinoma TGLs = 1-10]	Hepatocellular Carcinoma	
* Salivary Glands	Infiltration Cellular	Mononuclear CI, Minimal
* Spleen	Hematopoietic Cell Proliferation	Mild
* Thymus	Atrophy	Marked

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 290

TMT: 4
 DOSE: 62.5 mg/kg

SEX: Female
 DISP: Terminal Sacrifice

DAY ON TEST: 730
 HISTO: 0900290

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Liver		Fatty Change	Minimal
		Hemorrhage	Minimal
	[Hemorrhage TGLs = 3-5]		
* Lung		Alveolar/Bronchiolar Carcinoma	Multiple
Lymph Node	Renal	Ectasia	Moderate
	[Ectasia TGLs = 2-10]		
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands, Respirat Epith	Hyperplasia	Minimal
* Ovary		Cyst	Minimal
	[Cyst TGLs = 1-7]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Stomach, Glandular	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
	Epithelium	Necrosis	Minimal
* Thymus		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 291

TMT: 4
 DOSE: 62.5 mg/kg

SEX: Female
 DISP: Terminal Sacrifice

DAY ON TEST: 731
 HISTO: 0900291

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone		Fibrosis	Mild
* Harderian Gland		Adenoma	
		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLs = 2-10]		
* Ovary		Cystadenoma	
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 1-10]		
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Epithelium	Necrosis	Minimal
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

TDMS No. 20006 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol

CAS Number: 700-06-1

Date Report Requested: 03/25/2010

Time Report Requested: 12:07:47

First Dose M/F: 04/03/07 / 04/02/07

Lab: BAT

ANIMAL NUM: 292

TMT: 4

SEX: Female

DAY ON TEST: 731

DOSE: 62.5 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900292

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Cortex
- * Adrenal Medulla
- * Bone Marrow
- * Brain
- * Eye
- * Gallbladder
- * Intestine Large, Colon
- * Intestine Large, Rectum
- * Intestine Small, Jejunum
- * Islets, Pancreatic
- * Mammary Gland
- * Pancreas
- * Skin
- * Stomach, Forestomach
- * Trachea
- * Urinary Bladder
- Blood Vessel
- * Clitoral Gland
- * Heart
- * Intestine Small, Duodenum
- * Lymph Node, Mandibular
- * Parathyroid Gland
- * Stomach, Glandular
- * Uterus
- * Bone
- * Esophagus
- * Intestine Large, Cecum
- * Intestine Small, Ileum
- * Lymph Node, Mesenteric
- * Pituitary Gland
- * Thyroid Gland

OBSERVATIONS

- * Harderian Gland
- * Kidney
- * Liver
- [Eosinophilic Focus TGLs = 5-13]
- [Hepatocellular Carcinoma TGLs = 3,4-11+12]
- * Lung
- Mesentery
- [Necrosis TGLs = 2-10]
- * Nose
- Fat
- Olfactory Epi
- Glands, Respirat Epith
- * Ovary
- * Salivary Glands
- * Spleen
- [Hematopoietic Cell Proliferation TGLs = 1-4]
- * Thymus
- Infiltration Cellular
- Nephropathy
- Eosinophilic Focus
- Hepatocellular Carcinoma
- Hepatocellular Carcinoma
- Necrosis
- Degeneration
- Hyperplasia
- Cyst
- Infiltration Cellular
- Hematopoietic Cell Proliferation
- Atrophy
- Mononuclear CI, Minimal
- Mild
- Multiple
- Metastatic (Liver)
- Moderate
- Minimal
- Minimal
- Minimal
- Mononuclear CI, Minimal
- Mild
- Moderate

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 293

TMT: 4

SEX: Female

DAY ON TEST: 729

DOSE: 62.5 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900293

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Harderian Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Eosinophilic Focus	
		Fatty Change	Minimal
		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLs = 2-10]		
* Ovary		Cyst	Mild
		Cystadenoma	
	Note: Looks like one ovary has cyst and other ovary has cystadenoma (high epithelial lining on the cystadenoma)		
	[Cyst TGLs = 1-7]		
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 294

TMT: 4

SEX: Female

DAY ON TEST: 191

DOSE: 62.5 mg/kg

DISP: Natural Death

HISTO: 0900294

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver	* Lung
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Salivary Glands
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OBSERVATIONS

* Eye			
Note: Both optic nerves were missing			
* Heart		Inflammation	Chronic, Moderate
* Kidney		Nephropathy	Marked
	[Nephropathy TGLs = 1-4]		
* Spleen	Lymph Follic	Atrophy	Marked
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Kidney Nephropathy

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 295

TMT: 4
 DOSE: 62.5 mg/kg

SEX: Female
 DISP: Terminal Sacrifice

DAY ON TEST: 730
 HISTO: 0900295

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Harderian Gland		Carcinoma	
[Carcinoma TGLs = 1-9]			
* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Fatty Change	Minimal
		Hemorrhage	Minimal
[Basophilic Focus TGLs = 3-5]			
[Eosinophilic Focus TGLs = 5-10]			
[Hemorrhage TGLs = 4-3]			
* Lung		Carcinoma	Metastatic (Harderian Gland)
* Ovary		Cyst	Minimal
[Cyst TGLs = 2-7]			
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 296

TMT: 4
 DOSE: 62.5 mg/kg

SEX: Female
 DISP: Terminal Sacrifice

DAY ON TEST: 730
 HISTO: 0900296

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adren Cortex			
Note: One adrenal cortex was missing			
* Adren Medulla			
Note: One adrenal medulla was missing			
* Kidney	Renal Tubule	Carcinoma	Multiple
[Carcinoma TGLs = 1,2-10+11]			
* Liver	Bile Duct	Cyst	Mild
		Eosinophilic Focus	
		Hepatocholangiocarcinoma	
[Cyst TGLs = 3,4,5-12+13+14]			
[Hepatocholangiocarcinoma TGLs = 6-14]			
Mesentery		Carcinoma	Metastatic (Kidney)
[Carcinoma TGLs = 7-15]			
* Ovary		Cystadenoma	
* Stomach, Forestomach		Ulcer	Moderate
[Ulcer TGLs = 8-16]			
* Thymus		Atrophy	Marked

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 297

TMT: 4
 DOSE: 62.5 mg/kg

SEX: Female
 DISP: Terminal Sacrifice

DAY ON TEST: 729
 HISTO: 0900297

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Gallbladder | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Mammary Gland | * Nose | * Ovary |
| * Pancreas | * Parathyroid Gland | * Skin | * Stomach, Glandular |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

OBSERVATIONS

- | | | | |
|------------------------|--|----------------------------------|-------------------------|
| * Harderian Gland | | Adenoma | |
| | [Adenoma TGLs = 1-9] | | |
| * Kidney | | Nephropathy | Minimal |
| * Liver | | Eosinophilic Focus | |
| | | Fatty Change | Minimal |
| | [Hepatocellular Adenoma TGLs = 2-10] | Hepatocellular Adenoma | |
| * Pituitary Gland | Pars Distalis | Hyperplasia | Minimal |
| * Salivary Glands | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Spleen | | Hematopoietic Cell Proliferation | Minimal |
| * Stomach, Forestomach | | Ulcer | Moderate |
| | [Ulcer TGLs = 3-5+10] | | |
| * Thymus | | Atrophy | Minimal |
| * Uterus | Endometrium | Hyperplasia | Cystic, Minimal |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 298

TMT: 4

SEX: Female

DAY ON TEST: 731

DOSE: 62.5 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900298

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Liver		Fatty Change	Minimal
		Mixed Cell Focus	
	[Mixed Cell Focus TGLs = 1-10]		
* Pancreas		Angiectasis	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 299

TMT: 4

SEX: Female

DAY ON TEST: 731

DOSE: 62.5 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900299

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Gallbladder | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney | * Lung |
| * Lymph Node, Mandibular | * Mammary Gland | * Nose | * Ovary |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Skin |
| * Stomach, Glandular | * Thyroid Gland | * Trachea | * Urinary Bladder |
| * Uterus | | | |

OBSERVATIONS

- | | | |
|--|----------------------------------|-------------------------|
| * Harderian Gland | Infiltration Cellular | Mononuclear CI, Minimal |
| * Liver | Eosinophilic Focus | |
| | Fatty Change | Minimal |
| | Hepatocellular Carcinoma | |
| [Eosinophilic Focus TGLs = 4,5-13+14] | | |
| [Hepatocellular Carcinoma TGLs = 2-11] | | |
| Lymph Node Pancreatic | Lymphoma Malignant | |
| [Lymphoma Malignant TGLs = 1-10] | | |
| * Lymph Node, Mesenteric | Lymphoma Malignant | |
| [Lymphoma Malignant TGLs = 3-12] | | |
| * Salivary Glands | Infiltration Cellular | Mononuclear CI, Minimal |
| * Spleen | Hematopoietic Cell Proliferation | Mild |
| * Stomach, Forestomach | Ulcer | Moderate |
| [Ulcer TGLs = 6-5+15] | | |
| * Thymus | Atrophy | Minimal |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 300

TMT: 4
 DOSE: 62.5 mg/kg

SEX: Female
 DISP: Terminal Sacrifice

DAY ON TEST: 730
 HISTO: 0900300

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Harderian Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Eosinophilic Focus	
		Fatty Change	Mild
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[Eosinophilic Focus TGLs = 6,7,8,9-13+14+15]		
	[Hepatocellular Adenoma TGLs = 4-11]		
	[Hepatocellular Carcinoma TGLs = 5-12]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
Mesentery	Fat	Necrosis	Mild
	[Necrosis TGLs = 1-10]		
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands, Respirat Epith	Hyperplasia	Minimal
* Ovary		Cyst	Minimal
* Pituitary Gland		Cyst	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 2-4]		
* Thymus		Atrophy	Minimal
* Uterus		Carcinoma	
	Endometrium	Hyperplasia	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 300

TMT: 4

SEX: Female

DAY ON TEST: 730

DOSE: 62.5 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900300

ORGAN AND ACCOUNTABLE SITE STATUS

[Carcinoma TGLs = 3-7]

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 301

TMT: 6
DOSE: 125 mg/kg

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 0900301

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Gallbladder | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney | * Lung |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland | * Pancreas |
| * Parathyroid Gland | * Skin | * Stomach, Forestomach | * Stomach, Glandular |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

OBSERVATIONS

- | | | | |
|---------------------|---------------|----------------------------------|-------------------------|
| * Harderian Gland | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Liver | | Fatty Change | Mild |
| * Nose | | Inflammation | Minimal |
| * Ovary | | Cyst | Minimal |
| [Cyst TGLs = 1-7] | | | |
| * Pituitary Gland | Pars Distalis | Hyperplasia | Minimal |
| * Salivary Glands | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Spleen | | Hematopoietic Cell Proliferation | Minimal |
| * Thymus | | Atrophy | Mild |
| * Uterus | Endometrium | Hyperplasia | Cystic, Mild |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol

CAS Number: 700-06-1

Date Report Requested: 03/25/2010

Time Report Requested: 12:07:47

First Dose M/F: 04/03/07 / 04/02/07

Lab: BAT

ANIMAL NUM: 302

TMT: 6

SEX: Female

DAY ON TEST: 729

DOSE: 125 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900302

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Cortex
- * Adrenal Medulla
- * Blood Vessel
- * Bone Marrow
- * Brain
- * Clitoral Gland
- * Esophagus
- * Eye
- * Gallbladder
- * Harderian Gland
- * Heart
- * Intestine Large, Cecum
- * Intestine Large, Colon
- * Intestine Large, Rectum
- * Intestine Small, Duodenum
- * Intestine Small, Ileum
- * Islets, Pancreatic
- * Kidney
- * Lung
- * Lymph Node, Mandibular
- * Mammary Gland
- * Pancreas
- * Parathyroid Gland
- * Skin
- * Thyroid Gland
- * Trachea
- * Urinary Bladder

OBSERVATIONS

- * Bone Fibrosis Minimal
- * Intestine Small, Jejunum Lymphoma Malignant TGLs = 6-13]
- * Liver Eosinophilic Focus Hepatocellular Carcinoma Multiple
- [Eosinophilic Focus TGLs = 8,9-14+15]
- [Hepatocellular Carcinoma TGLs = 2,3,4-10+11+12]
- * Lymph Node, Mesenteric Lymphoma Malignant
- [Lymphoma Malignant TGLs = 7-13]
- Mesentery Fat Necrosis Moderate
- [Necrosis TGLs = 5-13]
- * Nose Olfactory Epi Degeneration Minimal
- Glands, Respirat Epith Hyperplasia Minimal
- * Ovary Angiectasis Moderate
- * Pituitary Gland Pars Distalis Hyperplasia Minimal
- * Salivary Glands Infiltration Cellular Mononuclear CI, Minimal
- * Spleen Hematopoietic Cell Proliferation Minimal
- * Stomach, Forestomach Ulcer Mild
- [Ulcer TGLs = 10-14]
- * Stomach, Glandular Epithelium Hyperplasia Minimal
- Inflammation Chronic, Minimal
- * Thymus Atrophy Minimal

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 302

TMT: 6

SEX: Female

DAY ON TEST: 729

DOSE: 125 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900302

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus

[Hyperplasia TGLs = 1-7]

Endometrium

Hyperplasia

Cystic, Moderate

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 303

TMT: 6
DOSE: 125 mg/kg

SEX: Female
DISP: Natural Death

DAY ON TEST: 707
HISTO: 0900303

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Harderian Gland	Infiltration Cellular	Mononuclear CI, Minimal
* Liver	Fatty Change	Minimal
	Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLs = 1-10]		
* Ovary		
Note: One ovary was missing		
* Salivary Glands	Infiltration Cellular	Mononuclear CI, Minimal
* Thymus	Atrophy	Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 304

TMT: 6

SEX: Female

DAY ON TEST: 730

DOSE: 125 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900304

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Harderian Gland	Adenoma	
	Infiltration Cellular	Mononuclear CI, Minimal
	Carcinoma	
* Islets, Pancreatic		
Note: TGL 1 was in the pancreatic islets		
[Carcinoma TGLs = 1-10]		
* Nose	Inflammation	Minimal
* Spleen	Hematopoietic Cell Proliferation	Minimal
* Thymus	Atrophy	Minimal
* Uterus	Endometrium	Cystic, Mild
	Hyperplasia	

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 305

TMT: 6

SEX: Female

DAY ON TEST: 514

DOSE: 125 mg/kg

DISP: Moribund Sacrifice

HISTO: 0900305

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Harderian Gland		Hyperplasia	Mild
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Eosinophilic Focus	
		Fatty Change	Mild
	[Eosinophilic Focus TGLs = 1-10]		
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Epithelium	Hyperplasia	Minimal
		Mineralization	Mild
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH - UNCERTAIN

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 306

TMT: 6
 DOSE: 125 mg/kg

SEX: Female
 DISP: Terminal Sacrifice

DAY ON TEST: 730
 HISTO: 0900306

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Gallbladder | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney | * Lung |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland | * Ovary |
| * Pancreas | * Parathyroid Gland | * Skin | * Spleen |
| * Stomach, Forestomach | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | * Uterus | | |

OBSERVATIONS

- | | | | |
|----------------------|---|-----------------------|-------------------------|
| * Harderian Gland | | Hyperplasia | Minimal |
| | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Liver | | Fatty Change | Mild |
| | | Mixed Cell Focus | |
| | [Mixed Cell Focus TGLs = 1,2,3,4,5-10+11+12+13] | | |
| * Nose | Olfactory Epi | Degeneration | Mild |
| | Glands, Respirat Epith | Hyperplasia | Minimal |
| * Pituitary Gland | Pars Distalis | Hyperplasia | Minimal |
| * Salivary Glands | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Stomach, Glandular | Epithelium | Necrosis | Minimal |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 307

TMT: 6

SEX: Female

DAY ON TEST: 730

DOSE: 125 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900307

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Harderian Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Fatty Change	Minimal
		Mixed Cell Focus	
	[Mixed Cell Focus TGLs = 1,2-10+11]		
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLs = 3-12]		
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular		Inflammation	Chronic, Minimal
	Epithelium	Necrosis	Minimal
* Thymus		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 308

TMT: 6

SEX: Female

DAY ON TEST: 662

DOSE: 125 mg/kg

DISP: Moribund Sacrifice

HISTO: 0900308

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Liver		Eosinophilic Focus	
		Tension Lipidosis	Minimal
	[Eosinophilic Focus TGLs = 3-11]		
Mesentery		Hemangioma	
	Fat	Necrosis	Mild
	[Hemangioma TGLs = 2-11]		
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands, Respirat Epith	Hyperplasia	Minimal
* Skin	Subcut Tiss	Fibrosarcoma	
	Note: TGL 1 was located in skin, not mammary gland as described grossly		
	[Fibrosarcoma TGLs = 1-10]		

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Fibrosarcoma

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 309

TMT: 6
 DOSE: 125 mg/kg

SEX: Female
 DISP: Moribund Sacrifice

DAY ON TEST: 642
 HISTO: 0900309

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Medulla		Pheochromocytoma Benign	
* Kidney		Mineralization	Minimal
* Liver		Fatty Change	Minimal
		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLs = 1-10]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLs = 2-11]		
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands, Respirat Epith	Hyperplasia	Minimal
* Thymus		Atrophy	Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 310

TMT: 6
 DOSE: 125 mg/kg

SEX: Female
 DISP: Terminal Sacrifice

DAY ON TEST: 730
 HISTO: 0900310

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Harderian Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Kidney		Mineralization	Minimal
		Nephropathy	Moderate
* Liver		Basophilic Focus	
	[Basophilic Focus TGLs = 1-10]		
Mesentery	Fat	Necrosis	Minimal
	[Necrosis TGLs = 2-11]		
* Nose		Inflammation	Minimal
* Ovary		Cyst	Mild
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 311

TMT: 6
 DOSE: 125 mg/kg

SEX: Female
 DISP: Natural Death

DAY ON TEST: 652
 HISTO: 0900311

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Islets, Pancreatic
* Mammary Gland	* Ovary	* Parathyroid Gland	* Pituitary Gland
* Skin	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Adrenal Cortex	Lymphoma Malignant	
[Lymphoma Malignant TGLs = 1-10]		
* Adrenal Medulla	Lymphoma Malignant	
* Bone Marrow	Histiocytic Sarcoma	
* Brain	Lymphoma Malignant	
* Heart	Lymphoma Malignant	
* Intestine Large, Cecum	Lymphoma Malignant	
* Intestine Large, Colon	Lymphoma Malignant	
* Intestine Large, Rectum	Lymphoma Malignant	
* Intestine Small, Duodenum	Lymphoma Malignant	
* Intestine Small, Ileum	Lymphoma Malignant	
* Intestine Small, Jejunum	Lymphoma Malignant	
* Kidney	Lymphoma Malignant	
* Liver	Fatty Change	Moderate
	Lymphoma Malignant	
	Mixed Cell Focus	
* Lung	Lymphoma Malignant	
* Lymph Node, Mandibular	Lymphoma Malignant	
* Lymph Node, Mesenteric	Lymphoma Malignant	
* Nose	Inflammation	Minimal
* Pancreas	Lymphoma Malignant	
* Salivary Glands	Infiltration Cellular	Mononuclear CI, Mild
* Spleen	Lymphoma Malignant	
* Stomach, Forestomach	Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 311

TMT: 6

SEX: Female

DAY ON TEST: 652

DOSE: 125 mg/kg

DISP: Natural Death

HISTO: 0900311

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Glandular

Lymphoma Malignant

* Thymus

Lymphoma Malignant

PRIMARY CAUSE OF DEATH

- Liver Lymphoma Malignant

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 312

TMT: 6
 DOSE: 125 mg/kg

SEX: Female
 DISP: Terminal Sacrifice

DAY ON TEST: 730
 HISTO: 0900312

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Harderian Gland		Hyperplasia	Moderate
* Liver		Eosinophilic Focus	
		Hepatocellular Carcinoma	
	[Eosinophilic Focus TGLs = 3-3+4+5+12]		
	[Hepatocellular Carcinoma TGLs = 2-11]		
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Lymph Node	Renal	Ectasia	Mild
	[Ectasia TGLs = 1-10]		
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Forestomach		Ulcer	Moderate
	[Ulcer TGLs = 4-13]		
* Stomach, Glandular		Inflammation	Chronic, Minimal
	Epithelium	Necrosis	Minimal
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 313

TMT: 6
 DOSE: 125 mg/kg

SEX: Female
 DISP: Terminal Sacrifice

DAY ON TEST: 729
 HISTO: 0900313

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Gallbladder | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney | * Lung |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland | * Nose |
| * Ovary | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Salivary Glands | * Skin | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |
| * Uterus | | | |

OBSERVATIONS

- | | | | |
|-------------------|------------------------------------|----------------------------------|----------|
| * Harderian Gland | | Hyperplasia | Moderate |
| * Liver | | Eosinophilic Focus | |
| | | Hepatoblastoma | |
| | [Eosinophilic Focus TGLs = 3-12] | | |
| | [Hepatoblastoma TGLs = 2-11] | | |
| Lymph Node | Renal | Ectasia | Moderate |
| | [Ectasia TGLs = 1-10] | | |
| * Ovary | Note: One ovary was missing | | |
| * Spleen | | Hematopoietic Cell Proliferation | Minimal |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 314

TMT: 6
DOSE: 125 mg/kg

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST: 695
HISTO: 0900314

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Bone | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Eye |
| * Gallbladder | * Harderian Gland | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Kidney | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Mammary Gland | * Nose | * Ovary | * Pancreas |
| * Parathyroid Gland | * Pituitary Gland | * Salivary Glands | * Skin |
| * Thyroid Gland | * Trachea | * Urinary Bladder | * Uterus |

OBSERVATIONS

- | | | | |
|------------------------|--|----------------------------------|------------------|
| Blood Vessel | | Mineralization | Mild |
| * Heart | Artery | Inflammation | Chronic, Mild |
| * Liver | | Fatty Change | Minimal |
| * Lung | | Alveolar/Bronchiolar Carcinoma | |
| | [Alveolar/Bronchiolar Carcinoma TGLs = 1-10] | | |
| * Spleen | | Hematopoietic Cell Proliferation | Mild |
| * Stomach, Forestomach | | Ulcer | Mild |
| | [Ulcer TGLs = 2-11] | | |
| * Stomach, Glandular | | Inflammation | Chronic, Minimal |
| | Epithelium | Necrosis | Minimal |
| * Thymus | | Atrophy | Marked |

PRIMARY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Carcinoma

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 316

TMT: 6
 DOSE: 125 mg/kg

SEX: Female
 DISP: Terminal Sacrifice

DAY ON TEST: 731
 HISTO: 0900316

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Harderian Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Eosinophilic Focus	
		Fatty Change	Minimal
		Hepatocellular Carcinoma	
		Mixed Cell Focus	
	[Eosinophilic Focus TGLs = 2,3,4,5,6-11+12+13+14]		
	[Hepatocellular Carcinoma TGLs = 1-10]		
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands, Respirat Epith	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 317

TMT: 6

SEX: Female

DAY ON TEST: 688

DOSE: 125 mg/kg

DISP: Moribund Sacrifice

HISTO: 0900317

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Tension Lipidosis	Minimal
	[Eosinophilic Focus TGLs = 2-12]		
* Ovary		Cyst	Minimal
* Pancreas	Acinus	Hyperplasia	Minimal
Skeletal Muscle		Rhabdomyosarcoma	
	[Rhabdomyosarcoma TGLs = 1-10+11]		
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - Skeletal Muscle Rhabdomyosarcoma

TDMS No. 20006 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol

CAS Number: 700-06-1

Date Report Requested: 03/25/2010

Time Report Requested: 12:07:47

First Dose M/F: 04/03/07 / 04/02/07

Lab: BAT

ANIMAL NUM: 318

TMT: 6

SEX: Female

DAY ON TEST: 730

DOSE: 125 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900318

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Gallbladder | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Kidney | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Mammary Gland | * Nose | * Pancreas | * Parathyroid Gland |
| * Pituitary Gland | * Salivary Glands | * Skin | * Spleen |
| * Stomach, Forestomach | * Thyroid Gland | * Trachea | * Urinary Bladder |

OBSERVATIONS

- | | | | |
|----------------------|--------------------------------------|-----------------------|------------------|
| * Harderian Gland | | Adenoma | |
| | [Adenoma TGLs = 1-9] | | |
| * Islets, Pancreatic | | Hyperplasia | Moderate |
| * Liver | | Eosinophilic Focus | |
| | | Fatty Change | Minimal |
| | | Tension Lipidosis | Minimal |
| | [Eosinophilic Focus TGLs = 3,4-10] | | |
| * Lung | Alveolus | Infiltration Cellular | Histiocyte, Mild |
| * Ovary | | Cyst | Mild |
| | [Cyst TGLs = 5-7] | | |
| * Stomach, Glandular | | Inflammation | Chronic, Minimal |
| | Epithelium | Necrosis | Minimal |
| * Thymus | | Atrophy | Minimal |
| * Uterus | Endometrium | Hyperplasia | Cystic, Moderate |
| | [Hyperplasia TGLs = 2-7] | | |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 319

TMT: 6

SEX: Female

DAY ON TEST: 730

DOSE: 125 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900319

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone		Fibrosis	Minimal
* Harderian Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Fatty Change	Minimal
		Mixed Cell Focus	
	[Mixed Cell Focus TGLs = 1,2-10+11]		
* Nose	Olfactory Epi Glands, Respirat Epith	Degeneration	Minimal
		Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Stomach, Glandular	Epithelium	Necrosis	Minimal
* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 320

TMT: 6
 DOSE: 125 mg/kg

SEX: Female
 DISP: Terminal Sacrifice

DAY ON TEST: 729
 HISTO: 0900320

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Gallbladder | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney | * Lung |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland | * Nose |
| * Ovary | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Salivary Glands | * Skin | * Stomach, Forestomach | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

OBSERVATIONS

- | | | | |
|----------------------|--|----------------------------------|------------------|
| * Harderian Gland | | Hyperplasia | Mild |
| * Liver | | Basophilic Focus | |
| | | Eosinophilic Focus | |
| | | Fatty Change | Mild |
| | | Hepatocellular Adenoma | |
| | | Mixed Cell Focus | |
| | [Basophilic Focus TGLs = 4-13] | | |
| | [Eosinophilic Focus TGLs = 2-11] | | |
| | [Hepatocellular Adenoma TGLs = 1-10] | | |
| | [Mixed Cell Focus TGLs = 3-12] | | |
| * Spleen | | Hematopoietic Cell Proliferation | Minimal |
| * Stomach, Glandular | | Inflammation | Chronic, Minimal |
| | Epithelium | Necrosis | Minimal |
| * Thymus | | Atrophy | Minimal |
| * Uterus | Endometrium | Hyperplasia | Cystic, Mild |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 321

TMT: 6
DOSE: 125 mg/kg

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST: 523
HISTO: 0900321

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Gallbladder
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Minimal
* Eye	Cornea	Inflammation	Chronic, Marked
	[Inflammation TGLs = 2-9]		
* Harderian Gland		Adenoma	
	[Adenoma TGLs = 1-9]		
* Liver		Fatty Change	Minimal
		Tension Lipidosis	Minimal
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands, Respirat Epith	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH - Harderian Gland Adenoma

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 322

TMT: 6

SEX: Female

DAY ON TEST: 626

DOSE: 125 mg/kg

DISP: Natural Death

HISTO: 0900322

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Nose	Olfactory Epi Glands, Respirat Epith	Degeneration Hyperplasia Infiltration Cellular	Mild Mild Mononuclear CI, Minimal
* Salivary Glands			
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

[Hyperplasia TGLs = 1-7]

PRIMARY CAUSE OF DEATH - UNCERTAIN

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 323

TMT: 6

SEX: Female

DAY ON TEST: 606

DOSE: 125 mg/kg

DISP: Natural Death

HISTO: 0900323

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney		Mineralization	Mild
* Liver		Fatty Change	Minimal
		Hepatocellular Carcinoma	
		Tension Lipidosis	Minimal
	[Hepatocellular Carcinoma TGLs = 1-10]		
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands, Respirat Epith	Hyperplasia	Minimal
* Ovary		Cyst	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Epithelium	Hyperplasia	Minimal
		Mineralization	Mild
	Epithelium	Necrosis	Minimal
* Thymus		Atrophy	Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 324

TMT: 6
 DOSE: 125 mg/kg

SEX: Female
 DISP: Moribund Sacrifice

DAY ON TEST: 645
 HISTO: 0900324

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Liver		Fatty Change	Marked
		Tension Lipidosis	Minimal
Lymph Node	Lumbar	Hemorrhage	Moderate
[Hemorrhage TGLs = 2-11]			
* Nose	Nerve	Atrophy	Mild
	Olfactory Epi	Degeneration	Moderate
	Glands, Respirat Epith	Hyperplasia	Moderate
		Inflammation	Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Skin	Subcut Tiss	Fibrosarcoma	
[Fibrosarcoma TGLs = 1-10]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach		Ulcer	Moderate
[Ulcer TGLs = 3-5+11]			
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - Skin Subcut Tiss Fibrosarcoma

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 325

TMT: 6
 DOSE: 125 mg/kg

SEX: Female
 DISP: Terminal Sacrifice

DAY ON TEST: 729
 HISTO: 0900325

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Gallbladder | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Mammary Gland | * Ovary | * Pancreas |
| * Parathyroid Gland | * Pituitary Gland | * Salivary Glands | * Skin |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

OBSERVATIONS

- | | | | |
|------------------------|---|----------------------------------|------------------|
| * Harderian Gland | | Adenoma | |
| * Kidney | | Nephropathy | Minimal |
| * Liver | | Basophilic Focus | |
| | | Eosinophilic Focus | |
| | | Fatty Change | Minimal |
| | | Hepatocellular Adenoma | |
| | [Basophilic Focus TGLs = 5-10] | | |
| | [Eosinophilic Focus TGLs = 3,4,6-11+12] | | |
| | [Hepatocellular Adenoma TGLs = 2-10] | | |
| * Nose | Olfactory Epi | Degeneration | Minimal |
| | Glands, Respirat Epith | Hyperplasia | Minimal |
| * Spleen | | Hematopoietic Cell Proliferation | Minimal |
| * Stomach, Forestomach | | Ulcer | Minimal |
| * Uterus | Endometrium | Hyperplasia | Cystic, Moderate |
| | | Metaplasia | Squamous, Mild |
| | [Hyperplasia TGLs = 1-7] | | |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 326

TMT: 6

SEX: Female

DAY ON TEST: 569

DOSE: 125 mg/kg

DISP: Moribund Sacrifice

HISTO: 0900326

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Salivary Glands	Infiltration Cellular	Mononuclear CI, Minimal
Skeletal Muscle	Rhabdomyosarcoma	
Note: Based on histology, TGL 1 was located in skeletal muscle rather than skin, as had been described grossly [Rhabdomyosarcoma TGLs = 1-10]		
* Spleen	Hematopoietic Cell Proliferation	Minimal
* Thymus	Atrophy	Minimal

PRIMARY CAUSE OF DEATH - Skeletal Muscle Rhabdomyosarcoma

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 327

TMT: 6
DOSE: 125 mg/kg

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST: 381
HISTO: 0900327

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Gallbladder | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric |
| * Mammary Gland | * Ovary | * Pancreas | * Parathyroid Gland |
| * Pituitary Gland | * Salivary Glands | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Thyroid Gland | * Trachea | * Urinary Bladder |

OBSERVATIONS

- | | | | |
|-------------------|---|----------------------------------|-----------------|
| * Eye | Lens | Cataract | Marked |
| | [Cataract TGLs = 1-9] | | |
| * Harderian Gland | | Adenoma | |
| | [Adenoma TGLs = 2-9] | | |
| * Kidney | | Nephropathy | Minimal |
| * Liver | | Fatty Change | Minimal |
| * Nose | Olfactory Epi
Glands, Respirat Epith | Degeneration | Minimal |
| | | Hyperplasia | Minimal |
| * Spleen | | Hematopoietic Cell Proliferation | Minimal |
| * Thymus | | Atrophy | Minimal |
| * Uterus | Endometrium | Hyperplasia | Cystic, Minimal |

PRIMARY CAUSE OF DEATH - Harderian Gland Adenoma

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 328

TMT: 6

SEX: Female

DAY ON TEST: 686

DOSE: 125 mg/kg

DISP: Natural Death

HISTO: 0900328

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Fatty Change	Minimal
	[Eosinophilic Focus TGLs = 2,3-3+4+5+10+11]		
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLs = 1-10]		
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH - UNCERTAIN

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 329

TMT: 6
DOSE: 125 mg/kg

SEX: Female
DISP: Natural Death

DAY ON TEST: 661
HISTO: 0900329

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Liver		Eosinophilic Focus	
		Fatty Change	Minimal
		Tension Lipidosis	Minimal
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands, Respirat Epith	Hyperplasia	Minimal
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH

- UNCERTAIN

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 330

TMT: 6

SEX: Female

DAY ON TEST: 526

DOSE: 125 mg/kg

DISP: Natural Death

HISTO: 0900330

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Liver		Fatty Change	Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLs = 1,2-10]		
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Alveolar/Bronchiolar Carcinoma	Metastatic (Lung)
		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Carcinoma

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 331

TMT: 6

SEX: Female

DAY ON TEST: 731

DOSE: 125 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900331

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Parathyroid Gland

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Fatty Change	Mild
		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLs = 1-10]		
* Ovary		Cyst	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
	Epithelium	Necrosis	Minimal
* Thymus		Atrophy	Mild

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 332

TMT: 6

SEX: Female

DAY ON TEST: 639

DOSE: 125 mg/kg

DISP: Moribund Sacrifice

HISTO: 0900332

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Liver		Fatty Change	Mild
* Lung		Alveolar/Bronchiolar Adenoma	
* Nose	Olfactory Epi Glands, Respirat Epith	Degeneration	Minimal
* Ovary		Hyperplasia	Minimal
	[Thrombosis TGLs = 1-7]	Thrombosis	Marked
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular		Mineralization	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - Ovary Thrombosis

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 333

TMT: 6
 DOSE: 125 mg/kg

SEX: Female
 DISP: Terminal Sacrifice

DAY ON TEST: 731
 HISTO: 0900333

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Gallbladder | * Harderian Gland | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland | * Nose |
| * Ovary | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Skin | * Stomach, Forestomach | * Stomach, Glandular | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

OBSERVATIONS

- | | | | |
|-------------------|---|----------------------------------|-------------------------|
| * Kidney | | Nephropathy | Mild |
| * Liver | | Eosinophilic Focus | |
| | | Fatty Change | Minimal |
| | | Hepatocellular Carcinoma | Multiple |
| | [Eosinophilic Focus TGLs = 2,4-11+13] | | |
| | [Hepatocellular Carcinoma TGLs = 1,3-10+12] | | |
| * Salivary Glands | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Spleen | | Hematopoietic Cell Proliferation | Mild |
| * Thymus | | Atrophy | Minimal |
| * Uterus | Endometrium | Hyperplasia | Cystic, Mild |

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 334

TMT: 6

SEX: Female

DAY ON TEST: 481

DOSE: 125 mg/kg

DISP: Natural Death

HISTO: 0900334

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adren Cortex			
Note: One adrenal cortex was missing			
* Adren Medulla			
Note: One adrenal medulla was missing			
* Liver	Centrilobular	Fatty Change	Minimal
		Necrosis	Marked
[Necrosis TGLs = 2-10]			
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands, Respirat Epith	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
[Hematopoietic Cell Proliferation TGLs = 1-4]			
* Thymus		Atrophy	Minimal

PRIMARY CAUSE OF DEATH - Liver Centrilobular Necrosis

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 335

TMT: 6

SEX: Female

DAY ON TEST: 729

DOSE: 125 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900335

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Fatty Change	Minimal
	[Eosinophilic Focus TGLs = 3-10]		
* Ovary		Cyst	Mild
	[Cyst TGLs = 1-7]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLs = 2-7]		

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 336

TMT: 6
 DOSE: 125 mg/kg

SEX: Female
 DISP: Terminal Sacrifice

DAY ON TEST: 730
 HISTO: 0900336

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Fatty Change	Mild
		Hepatocellular Adenoma	
	[Eosinophilic Focus TGLs = 3,4,5-11+12+13]		
	[Hepatocellular Adenoma TGLs = 2-10]		
* Parathyroid Gland		Adenoma	
* Pituitary Gland		Angiectasis	Minimal
	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
	Epithelium	Necrosis	Minimal
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	[Hyperplasia TGLs = 1-7]		

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 337

TMT: 6
 DOSE: 125 mg/kg

SEX: Female
 DISP: Moribund Sacrifice

DAY ON TEST: 621
 HISTO: 0900337

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Esophagus		Squamous Cell Carcinoma	
	[Squamous Cell Carcinoma TGLs = 5-14]		
* Kidney		Nephropathy	Minimal
* Liver		Hepatocellular Adenoma	
		Necrosis	Minimal
		Tension Lipidosis	Minimal
	[Hepatocellular Adenoma TGLs = 4-13]		
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands, Respirat Epith	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Skin	Subcut Tiss	Hemangiosarcoma	Multiple
		Ulcer	Moderate
	Note: Based on histology, TGL 3 was in the skin, not popliteal lymph node as described grossly.		
	[Hemangiosarcoma TGLs = 1,2,3-10+11+12]		
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - Esophagus Squamous Cell Carcinoma

CONTRIBUTORY CAUSE OF DEATH - Skin Subcut Tiss Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 338

TMT: 6
 DOSE: 125 mg/kg

SEX: Female
 DISP: Terminal Sacrifice

DAY ON TEST: 730
 HISTO: 0900338

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Skin
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Liver		Basophilic Focus	
		Fatty Change	Mild
	Note: No corresponding microscopic findings for TGLs 1 and 2.		
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands, Respirat Epith	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach		Ulcer	Mild
	[Ulcer TGLs = 3-12]		
* Stomach, Glandular		Inflammation	Chronic, Minimal
	Epithelium	Necrosis	Minimal
* Thymus		Atrophy	Minimal

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 339

TMT: 6

SEX: Female

DAY ON TEST: 729

DOSE: 125 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900339

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Liver		Basophilic Focus	
		Eosinophilic Focus	
		Fatty Change	Mild
	[Eosinophilic Focus TGLs = 1-4+5+10]		
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Forestomach		Ulcer	Mild
	[Ulcer TGLs = 2-11]		
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 340

TMT: 6
 DOSE: 125 mg/kg

SEX: Female
 DISP: Terminal Sacrifice

DAY ON TEST: 729
 HISTO: 0900340

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|--------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Gallbladder | * Harderian Gland | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Islets, Pancreatic | * Lung | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Mammary Gland | * Pancreas | * Parathyroid Gland |
| * Pituitary Gland | * Skin | * Stomach, Forestomach | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

OBSERVATIONS

- | | | |
|--|---|-------------------------|
| * Intestine Small, Jejunum
[Lymphoma Malignant TGLs = 8-16] | Lymphoma Malignant | |
| * Kidney | Nephropathy | Minimal |
| * Liver | Eosinophilic Focus | |
| | Fatty Change | Minimal |
| | Hepatocellular Adenoma | |
| | Hepatocellular Carcinoma | Multiple |
| | Lymphoma Malignant | |
| | [Hepatocellular Adenoma TGLs = 6-14] | |
| | [Hepatocellular Carcinoma TGLs = 4,5-12+13] | |
| | [Lymphoma Malignant TGLs = 7-4+5+12+13+14+15] | |
| Mesentery | Fat | |
| | [Necrosis TGLs = 1-10] | Mild |
| * Nose | Inflammation | Minimal |
| * Ovary | Thrombosis | Marked |
| | [Thrombosis TGLs = 3-7] | |
| * Salivary Glands | Infiltration Cellular | Mononuclear Cl, Minimal |
| * Spleen | Hematopoietic Cell Proliferation | Minimal |
| | Lymphoma Malignant | |
| | [Lymphoma Malignant TGLs = 2-11] | |
| * Stomach, Glandular | Inflammation | Chronic, Minimal |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 340

TMT: 6

SEX: Female

DAY ON TEST: 729

DOSE: 125 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900340

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus	Epithelium	Necrosis	Minimal
* Uterus	Endometrium	Atrophy	Minimal
		Hyperplasia	Cystic, Minimal

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 341

TMT: 6

SEX: Female

DAY ON TEST: 612

DOSE: 125 mg/kg

DISP: Moribund Sacrifice

HISTO: 0900341

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Liver		Tension Lipidosis	Minimal
* Lung		Alveolar/Bronchiolar Adenoma Metaplasia	Osseous, Minimal
	[Alveolar/Bronchiolar Adenoma TGLs = 1-10]		
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Adenoma

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 342

TMT: 6

SEX: Female

DAY ON TEST: 729

DOSE: 125 mg/kg

DISP: Moribund Sacrifice

HISTO: 0900342

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Intestine Large, Cecum	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Islets, Pancreatic	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Skin	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex		Lymphoma Malignant	
* Brain		Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 4-2]		
* Harderian Gland		Lymphoma Malignant	
* Heart		Lymphoma Malignant	
* Intestine Large, Colon		Lymphoma Malignant	
* Intestine Small, Jejunum		Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 5-12]		
* Kidney		Lymphoma Malignant	
* Liver		Clear Cell Focus	
		Fatty Change	Mild
		Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 3-4+5+11]		
* Lung		Lymphoma Malignant	
Lymph Node	Lumbar	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 6-13]		
	[Lymphoma Malignant TGLs = 7-14]		
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands, Respirat Epith	Hyperplasia	Minimal
		Inflammation	Minimal
* Ovary		Cyst	Mild

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 342

TMT: 6

SEX: Female

DAY ON TEST: 729

DOSE: 125 mg/kg

DISP: Moribund Sacrifice

HISTO: 0900342

ORGAN AND ACCOUNTABLE SITE STATUS

Lymphoma Malignant

[Cyst TGLs = 2-10]

* Pituitary Gland

Pars Distalis

Hyperplasia

Minimal

* Salivary Glands

Lymphoma Malignant

* Spleen

Lymphoma Malignant

[Lymphoma Malignant TGLs = 1-4]

* Stomach, Forestomach

Ulcer

Mild

[Ulcer TGLs = 8-15]

* Stomach, Glandular

Inflammation

Chronic, Minimal

Epithelium

Necrosis

Minimal

* Thymus

Atrophy

Moderate

* Urinary Bladder

Lymphoma Malignant

* Uterus

Endometrium

Hyperplasia

Cystic, Moderate

Lymphoma Malignant

PRIMARY CAUSE OF DEATH

- Spleen Lymphoma Malignant

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 343

TMT: 6
 DOSE: 125 mg/kg

SEX: Female
 DISP: Terminal Sacrifice

DAY ON TEST: 730
 HISTO: 0900343

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adrenal Cortex		Vacuolization Cytoplasmic	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Clear Cell Focus	
		Fatty Change	Mild
		Mixed Cell Focus	
	[Clear Cell Focus TGLs = 2-11]		
	[Mixed Cell Focus TGLs = 1-10]		
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands, Respirat Epith	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
	Epithelium	Necrosis	Minimal
* Thymus		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 344

TMT: 6
 DOSE: 125 mg/kg

SEX: Female
 DISP: Moribund Sacrifice

DAY ON TEST: 619
 HISTO: 0900344

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Mineralization	Minimal
* Liver		Eosinophilic Focus	
		Mixed Cell Focus	
* Lung	[Eosinophilic Focus TGLs = 2,4-4+5+11+12]		
	Alveolar Epith	Basal Cell Carcinoma	Metastatic (Skin)
	[Basal Cell Carcinoma TGLs = 3-12]	Hyperplasia	Mild
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands, Respirat Epith	Hyperplasia	Minimal
* Ovary		Cyst	Mild
		Mineralization	Minimal
* Skin	Epidermis	Basal Cell Carcinoma	
	[Basal Cell Carcinoma TGLs = 1-10]		
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic, Mild
	Epithelium	Necrosis	Minimal
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Skin Epidermis Basal Cell Carcinoma

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 345

TMT: 6

SEX: Female

DAY ON TEST: 647

DOSE: 125 mg/kg

DISP: Moribund Sacrifice

HISTO: 0900345

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Liver		Fatty Change	Minimal
		Hemangiosarcoma	Multiple
	[Hemangiosarcoma TGLs = 1,2,4-3+4+5+11]		
* Lymph Node, Mesenteric		Hemangiosarcoma	
	[Hemangiosarcoma TGLs = 3-10]		
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands, Respirat Epith	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Moderate
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Liver Hemangiosarcoma

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 346

TMT: 6

SEX: Female

DAY ON TEST: 729

DOSE: 125 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900346

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Harderian Gland	Carcinoma	
* Liver	Fibrosis	Mild
	Mixed Cell Focus	
* Salivary Glands	Infiltration Cellular	Mononuclear CI, Minimal
* Spleen	Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Inflammation	Chronic, Minimal
* Thymus	Atrophy	Mild

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 347

TMT: 6
DOSE: 125 mg/kg

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 731
HISTO: 0900347

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Fatty Change	Mild
		Mixed Cell Focus	
		Tension Lipidosis	Minimal
	[Eosinophilic Focus TGLs = 3-12]		
	[Mixed Cell Focus TGLs = 1-10]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLs = 2-11]		
* Nose		Degeneration	Minimal
	Olfactory Epi	Hyperplasia	Minimal
	Glands, Respirat Epith	Hyperplasia	Mild
* Pituitary Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Salivary Glands		Atrophy	Minimal
* Thymus		Hyperplasia	Cystic, Moderate
* Uterus	Endometrium		
	[Hyperplasia TGLs = 4-7]		

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 348

TMT: 6
 DOSE: 125 mg/kg

SEX: Female
 DISP: Moribund Sacrifice

DAY ON TEST: 638
 HISTO: 0900348

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Blood Vessel	* Bone	* Bone Marrow	* Clitoral Gland
* Esophagus	* Eye	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Mammary Gland	* Parathyroid Gland	* Pituitary Gland
* Skin	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Adrenal Cortex		Lymphoma Malignant	
* Adrenal Medulla		Lymphoma Malignant	
* Brain		Lymphoma Malignant	
* Harderian Gland		Lymphoma Malignant	
* Heart		Lymphoma Malignant	
* Islets, Pancreatic		Hyperplasia	Mild
* Kidney		Lymphoma Malignant	
* Liver		Hepatocellular Carcinoma	
		Lymphoma Malignant	
	[Hepatocellular Carcinoma TGLs = 5-13]		
	[Lymphoma Malignant TGLs = 6-3+4+5+13+14]		
* Lung		Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 8-15]		
Lymph Node	Lumbar	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 1-10]		
	[Lymphoma Malignant TGLs = 3-12]		
* Lymph Node, Mandibular		Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 2-11]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Nose	Olfactory Epi	Degeneration	Minimal
	Glands, Respirat Epith	Hyperplasia	Minimal
		Inflammation	Minimal
* Ovary		Cyst	Mild

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 348

TMT: 6

SEX: Female

DAY ON TEST: 638

DOSE: 125 mg/kg

DISP: Moribund Sacrifice

HISTO: 0900348

ORGAN AND ACCOUNTABLE SITE STATUS

Cystadenoma

[Cystadenoma TGLs = 9-7]

* Pancreas

Lymphoma Malignant

* Salivary Glands

Lymphoma Malignant

* Spleen

Lymphoma Malignant

[Lymphoma Malignant TGLs = 4-4]

* Stomach, Forestomach

Lymphoma Malignant

* Stomach, Glandular

Epithelium

Hyperplasia

Minimal

Lymphoma Malignant

* Thymus

Atrophy

Marked

* Urinary Bladder

Lymphoma Malignant

* Uterus

Endometrium

Hyperplasia

Cystic, Moderate

Lymphoma Malignant

[Lymphoma Malignant TGLs = 7-7]

PRIMARY CAUSE OF DEATH

- Spleen Lymphoma Malignant

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 349

TMT: 6
 DOSE: 125 mg/kg

SEX: Female
 DISP: Natural Death

DAY ON TEST: 597
 HISTO: 0900349

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Gallbladder | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Lymph Node, Mesenteric | * Mammary Gland | * Nose |
| * Ovary | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Skin | * Thyroid Gland | * Trachea | |

OBSERVATIONS

- | | | | |
|--------------------------|---|--------------------|----------|
| * Harderian Gland | | Lymphoma Malignant | |
| * Heart | | Lymphoma Malignant | |
| * Kidney | | Lymphoma Malignant | |
| | | Nephropathy | Minimal |
| * Liver | | Eosinophilic Focus | |
| | | Fatty Change | Moderate |
| | | Lymphoma Malignant | |
| | [Eosinophilic Focus TGLs = 7,8,10-14+15+17] | | |
| * Lung | | Lymphoma Malignant | |
| Lymph Node | Pancreatic | Lymphoma Malignant | |
| | Lumbar | Lymphoma Malignant | |
| | Mediastinal | Lymphoma Malignant | |
| | Renal | Lymphoma Malignant | |
| | [Lymphoma Malignant TGLs = 9-16] | | |
| | [Lymphoma Malignant TGLs = 6-13] | | |
| | [Lymphoma Malignant TGLs = 3-11] | | |
| | [Lymphoma Malignant TGLs = 5-12] | | |
| * Lymph Node, Mandibular | | Lymphoma Malignant | |
| | [Lymphoma Malignant TGLs = 2-10] | | |
| * Salivary Glands | | Lymphoma Malignant | |
| * Spleen | | Lymphoma Malignant | |
| | [Lymphoma Malignant TGLs = 1-4] | | |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 349

TMT: 6

SEX: Female

DAY ON TEST: 597

DOSE: 125 mg/kg

DISP: Natural Death

HISTO: 0900349

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach		Lymphoma Malignant	
* Stomach, Glandular		Lymphoma Malignant	
	Epithelium	Necrosis	Minimal
* Thymus		Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 4-11]		
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - Spleen Lymphoma Malignant

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 350

TMT: 6
DOSE: 125 mg/kg

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 731
HISTO: 0900350

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone		Fibrosis	Moderate
* Harderian Gland		Hyperplasia	Moderate
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLs = 1-10]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 351

TMT: 8

SEX: Female

DAY ON TEST: 731

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900351

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Gallbladder | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Mammary Gland | * Ovary | * Pancreas |
| * Parathyroid Gland | * Skin | * Stomach, Forestomach | * Trachea |
| * Urinary Bladder | | | |

OBSERVATIONS

- | | | | |
|----------------------|----------------------------------|----------------------------------|-------------------------|
| * Harderian Gland | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Kidney | | Nephropathy | Minimal |
| * Liver | | Basophilic Focus | |
| | [Basophilic Focus TGLs = 2-10] | | |
| * Nose | Nerve | Atrophy | Moderate |
| | Olfactory Epi | Degeneration | Moderate |
| | Glands, Respirat Epith | Hyperplasia | Moderate |
| * Pituitary Gland | Pars Distalis | Adenoma | |
| | [Adenoma TGLs = 1-11] | | |
| * Salivary Glands | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Spleen | | Hematopoietic Cell Proliferation | Minimal |
| * Stomach, Glandular | Epithelium | Hyperplasia | Mild |
| | | Inflammation | Chronic, Mild |
| | Epithelium | Necrosis | Minimal |
| * Thymus | | Atrophy | Mild |
| * Thyroid Gland | Follicle | Hyperplasia | Mild |
| | | Inflammation | Chronic, Minimal |
| | [Hyperplasia TGLs = 3-3] | | |
| * Uterus | Endometrium | Hyperplasia | Cystic, Mild |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 352

TMT: 8
 DOSE: 250 mg/kg

SEX: Female
 DISP: Terminal Sacrifice

DAY ON TEST: 729
 HISTO: 0900352

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone		Fibrosis	Mild
* Harderian Gland		Atrophy	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Fatty Change	Minimal
		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLs = 1-10]		
* Nose	Nerve	Atrophy	Moderate
	Olfactory Epi	Degeneration	Moderate
	Glands, Respirat Epith	Hyperplasia	Moderate
* Stomach, Glandular	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic, Mild
	Epithelium	Necrosis	Minimal
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 353

TMT: 8
 DOSE: 250 mg/kg

SEX: Female
 DISP: Terminal Sacrifice

DAY ON TEST: 731
 HISTO: 0900353

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Gallbladder | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney | * Lung |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland | * Ovary |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Salivary Glands |
| * Skin | * Stomach, Forestomach | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

OBSERVATIONS

- | | | | |
|----------------------|---------------------------------------|-----------------------|-------------------------|
| * Eye | | | |
| | Note: Both optic nerves were missing. | | |
| * Harderian Gland | | Atrophy | Minimal |
| | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Liver | | Eosinophilic Focus | |
| | | Fatty Change | Mild |
| | [Eosinophilic Focus TGLs = 2-10] | | |
| * Nose | Nerve | Atrophy | Moderate |
| | Olfactory Epi | Degeneration | Moderate |
| | Glands, Respirat Epith | Hyperplasia | Moderate |
| * Spleen | | Histiocytic Sarcoma | |
| * Stomach, Glandular | Epithelium | Hyperplasia | Mild |
| | | Inflammation | Chronic, Minimal |
| | Epithelium | Necrosis | Minimal |
| * Thymus | | Atrophy | Mild |
| * Uterus | Endometrium | Hyperplasia | Cystic, Moderate |
| | [Hyperplasia TGLs = 1-7] | | |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 354

TMT: 8
DOSE: 250 mg/kg

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST: 603
HISTO: 0900354

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|-----------------------------|--------------------------|----------------------------|---------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Gallbladder |
| * Heart | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic |
| * Kidney | * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland |
| * Ovary | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Salivary Glands | * Skin | * Spleen | * Stomach, Forestomach |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |
| * Uterus | | | |

OBSERVATIONS

- | | | | |
|----------------------|---|------------------------|------------------|
| * Bone | | Fibrosis | Minimal |
| * Eye | Cornea | Inflammation | Chronic, Mild |
| * Harderian Gland | | Adenoma | |
| | [Adenoma TGLs = 4-9] | | |
| * Liver | | Eosinophilic Focus | |
| | | Fatty Change | Mild |
| | | Hepatocellular Adenoma | Multiple |
| | | Tension Lipidosis | Minimal |
| | [Hepatocellular Adenoma TGLs = 1,2-10+11] | | |
| * Lung | | Hemorrhage | Mild |
| | Alveolus | Infiltration Cellular | Histiocyte, Mild |
| | [Infiltration Cellular TGLs = 3-12] | | |
| * Nose | Nerve | Atrophy | Moderate |
| | Olfactory Epi | Degeneration | Moderate |
| | Glands, Respirat Epith | Hyperplasia | Moderate |
| * Stomach, Glandular | Epithelium | Hyperplasia | Minimal |
| | Epithelium | Necrosis | Minimal |

PRIMARY CAUSE OF DEATH - Harderian Gland Adenoma

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 355

TMT: 8
 DOSE: 250 mg/kg

SEX: Female
 DISP: Terminal Sacrifice

DAY ON TEST: 729
 HISTO: 0900355

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Necrosis	Minimal
* Harderian Gland		Atrophy	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Eosinophilic Focus	
		Fatty Change	Minimal
	[Eosinophilic Focus TGLs = 1-10]		
* Nose	Nerve	Atrophy	Moderate
	Olfactory Epi	Degeneration	Moderate
	Glands, Respirat Epith	Hyperplasia	Moderate
		Inflammation	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic, Mild
	Epithelium	Necrosis	Mild
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 356

TMT: 8
 DOSE: 250 mg/kg

SEX: Female
 DISP: Terminal Sacrifice

DAY ON TEST: 730
 HISTO: 0900356

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Harderian Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Fatty Change	Mild
		Hepatocellular Adenoma	Multiple
	[Eosinophilic Focus TGLs = 4,5,6-13+14+15]		
	[Hepatocellular Adenoma TGLs = 1,2,3-10+11+12]		
* Nose	Nerve	Atrophy	Moderate
	Olfactory Epi	Degeneration	Moderate
	Glands, Respirat Epith	Hyperplasia	Moderate
		Inflammation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
	Epithelium	Necrosis	Mild
* Thymus		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 357

TMT: 8
 DOSE: 250 mg/kg

SEX: Female
 DISP: Terminal Sacrifice

DAY ON TEST: 729
 HISTO: 0900357

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Eye |
| * Gallbladder | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Kidney | * Lung | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Mammary Gland | * Pancreas | * Pituitary Gland |
| * Skin | * Spleen | * Stomach, Forestomach | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

MISSING

- * Parathyroid Gland

OBSERVATIONS

- | | | | |
|----------------------|---|-------------------------|-------------------------|
| * Bone | | Fibrosis | Minimal |
| * Harderian Gland | | Hyperplasia | Minimal |
| | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Liver | | Eosinophilic Focus | |
| | | Fatty Change | Mild |
| | [Eosinophilic Focus TGLs = 2-11] | | |
| * Nose | Nerve | Atrophy | Moderate |
| | Olfactory Epi | Degeneration | Moderate |
| | Glands, Respirat Epith | Hyperplasia | Moderate |
| | | Inflammation | Minimal |
| * Ovary | | Angiectasis | Moderate |
| | | Cyst | Minimal |
| | [Cyst TGLs = 3-7] | | |
| * Salivary Glands | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Stomach, Glandular | Epithelium | Hyperplasia | Minimal |
| | | Inflammation | Chronic, Minimal |
| | Epithelium | Necrosis | Minimal |
| Tongue | | Squamous Cell Papilloma | |
| | [Squamous Cell Papilloma TGLs = 1-10] | | |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 357

TMT: 8

SEX: Female

DAY ON TEST: 729

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900357

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth
* Uterus

Endometrium

Malformation
Hyperplasia

Minimal
Cystic, Moderate

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 358

TMT: 8

SEX: Female

DAY ON TEST: 730

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900358

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Nose	Nerve	Atrophy	Moderate
	Olfactory Epi	Degeneration	Moderate
	Glands, Respirat Epith	Hyperplasia	Moderate
		Inflammation	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular		Inflammation	Chronic, Minimal
	Epithelium	Necrosis	Minimal
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLs = 1-7]			

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 359

TMT: 8
DOSE: 250 mg/kg

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST: 505
HISTO: 0900359

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Liver		Fatty Change	Mild
* Nose	Nerve	Atrophy	Moderate
	Olfactory Epi	Degeneration	Moderate
	Glands, Respirat Epith	Hyperplasia	Moderate
		Inflammation	Minimal
* Stomach, Glandular	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
	Epithelium	Necrosis	Minimal
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

[Hyperplasia TGLs = 1-7]

PRIMARY CAUSE OF DEATH - UNCERTAIN

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 360

TMT: 8

SEX: Female

DAY ON TEST: 731

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900360

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Clitoral Gland

Note: One clitoral gland was missing

* Harderian Gland

* Liver

Infiltration Cellular	Mononuclear CI, Minimal
Eosinophilic Focus	
Fatty Change	Minimal
Tension Lipidosis	Minimal

[Eosinophilic Focus TGLs = 1-10]

* Nose

Nerve
 Olfactory Epi
 Glands, Respirat Epith

Atrophy	Moderate
Degeneration	Moderate
Hyperplasia	Moderate
Inflammation	Minimal

* Pancreas

Acinus

Atrophy	Minimal
Infiltration Cellular	Mononuclear CI, Minimal

* Salivary Glands

* Spleen

Hematopoietic Cell Proliferation	Minimal
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* Thymus

Atrophy	Mild
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* Uterus

Endometrium

Hyperplasia	Cystic, Minimal
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TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 361

TMT: 8
DOSE: 250 mg/kg

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 0900361

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Harderian Gland		Atrophy	Minimal
		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Fatty Change	Mild
* Nose	Nerve	Atrophy	Moderate
	Olfactory Epi	Degeneration	Moderate
	Glands, Respirat Epith	Hyperplasia	Moderate
		Inflammation	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Forestomach		Ulcer	Moderate
* Stomach, Glandular	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic, Mild
	Epithelium	Necrosis	Minimal
* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 362

TMT: 8
 DOSE: 250 mg/kg

SEX: Female
 DISP: Terminal Sacrifice

DAY ON TEST: 730
 HISTO: 0900362

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone		Fibrosis	Mild
* Harderian Gland		Hyperplasia	Minimal
		Infiltration Cellular	Mononuclear CI, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Fatty Change	Mild
		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLs = 1-10]		
* Nose	Nerve	Atrophy	Moderate
	Olfactory Epi	Degeneration	Moderate
	Glands, Respirat Epith	Hyperplasia	Moderate
		Inflammation	Mild
* Ovary			
Note: One ovary was missing			
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular		Inflammation	Chronic, Minimal
	Epithelium	Necrosis	Minimal
* Thymus		Atrophy	Minimal
Tooth		Malformation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol

CAS Number: 700-06-1

Date Report Requested: 03/25/2010

Time Report Requested: 12:07:47

First Dose M/F: 04/03/07 / 04/02/07

Lab: BAT

ANIMAL NUM: 363

TMT: 8

SEX: Female

DAY ON TEST: 731

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900363

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Harderian Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Fatty Change	Minimal
		Mixed Cell Focus	
	[Mixed Cell Focus TGLs = 2-11]		
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLs = 1-10]		
* Nose	Nerve	Atrophy	Moderate
	Olfactory Epi	Degeneration	Moderate
	Glands, Respirat Epith	Hyperplasia	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular		Inflammation	Chronic, Minimal
	Epithelium	Necrosis	Minimal
* Thymus		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 364

TMT: 8
 DOSE: 250 mg/kg

SEX: Female
 DISP: Terminal Sacrifice

DAY ON TEST: 731
 HISTO: 0900364

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone		Fibrosis	Minimal
* Harderian Gland		Hyperplasia	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
* Heart		Cardiomyopathy	Minimal
* Liver		Fatty Change	Minimal
		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLs = 3-11]		
* Nose	Nerve	Atrophy	Moderate
	Olfactory Epi	Degeneration	Moderate
	Glands, Respirat Epith	Hyperplasia	Moderate
		Inflammation	Minimal
* Ovary		Necrosis	Minimal
* Pituitary Gland	Pars Distalis	Vacuolization Cytoplasmic	Minimal
* Salivary Glands	Duct	Cyst	Moderate
		Infiltration Cellular	Mononuclear CI, Mild
	Note: Based on histology, TGL 1 was in the salivary glands and not in the mandibular lymph node		
	[Cyst TGLs = 1-10]		
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular		Inflammation	Chronic, Minimal
	Epithelium	Necrosis	Minimal
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 364

TMT: 8

SEX: Female

DAY ON TEST: 731

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900364

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLs = 2-7]

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 365

TMT: 8

SEX: Female

DAY ON TEST: 730

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900365

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Fatty Change	Mild
* Nose	Nerve	Atrophy	Moderate
	Olfactory Epi	Degeneration	Moderate
	Glands, Respirat Epith	Hyperplasia	Moderate
		Inflammation	Mild
* Stomach, Glandular	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic, Mild
	Epithelium	Necrosis	Minimal
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol

CAS Number: 700-06-1

Date Report Requested: 03/25/2010

Time Report Requested: 12:07:47

First Dose M/F: 04/03/07 / 04/02/07

Lab: BAT

ANIMAL NUM: 366

TMT: 8

SEX: Female

DAY ON TEST: 730

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900366

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Gallbladder | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Mammary Gland | * Pancreas | * Parathyroid Gland |
| * Pituitary Gland | * Salivary Glands | * Skin | * Stomach, Forestomach |
| * Trachea | * Urinary Bladder | * Uterus | |

OBSERVATIONS

- | | | | |
|----------------------|--|----------------------------------|-------------------------|
| * Harderian Gland | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Kidney | | Nephropathy | Minimal |
| * Liver | | Eosinophilic Focus | |
| | | Hepatocellular Carcinoma | |
| | [Eosinophilic Focus TGLs = 3-11] | | |
| | [Hepatocellular Carcinoma TGLs = 1-10] | | |
| * Nose | Nerve | Atrophy | Mild |
| | Olfactory Epi | Degeneration | Moderate |
| | Glands, Respirat Epith | Hyperplasia | Moderate |
| | | Inflammation | Minimal |
| * Ovary | | Hemangioma | |
| * Spleen | | Hematopoietic Cell Proliferation | Mild |
| * Stomach, Glandular | Epithelium | Hyperplasia | Minimal |
| | | Inflammation | Chronic, Minimal |
| | Epithelium | Necrosis | Minimal |
| * Thymus | | Atrophy | Minimal |
| * Thyroid Gland | Follicular Cel | Adenoma | |
| | [Adenoma TGLs = 2-3] | | |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 367

TMT: 8
 DOSE: 250 mg/kg

SEX: Female
 DISP: Terminal Sacrifice

DAY ON TEST: 730
 HISTO: 0900367

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Spleen	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone		Fibrosis	Minimal
* Harderian Gland		Hyperplasia	Mild
* Liver		Fatty Change	Minimal
* Nose	Nerve	Atrophy	Moderate
	Olfactory Epi	Degeneration	Moderate
	Glands, Respirat Epith	Hyperplasia	Moderate
* Ovary		Cystadenoma	
	[Cystadenoma TGLs = 1-7]		
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
	Epithelium	Necrosis	Minimal
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 368

TMT: 8
DOSE: 250 mg/kg

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 0900368

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Gallbladder | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Mammary Gland | * Ovary | * Pancreas |
| * Parathyroid Gland | * Pituitary Gland | * Skin | * Spleen |
| * Stomach, Forestomach | * Thyroid Gland | * Trachea | * Urinary Bladder |
| * Uterus | | | |

OBSERVATIONS

- | | | | |
|----------------------|--------------------------------|------------------------------|-------------------------|
| * Harderian Gland | | Hyperplasia | Mild |
| * Liver | | Fatty Change | Mild |
| * Lung | | Alveolar/Bronchiolar Adenoma | |
| | [Alveolar/Bronchiolar Adenoma | | |
| * Nose | TGLs = 1-10] | Atrophy | Moderate |
| | Nerve | Degeneration | Moderate |
| | Olfactory Epi | Hyperplasia | Moderate |
| | Glands, Respirat Epith | Inflammation | Minimal |
| * Salivary Glands | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Stomach, Glandular | Epithelium | Hyperplasia | Minimal |
| | | Inflammation | Chronic, Minimal |
| | Epithelium | Necrosis | Minimal |
| * Thymus | | Atrophy | Mild |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol

CAS Number: 700-06-1

Date Report Requested: 03/25/2010

Time Report Requested: 12:07:47

First Dose M/F: 04/03/07 / 04/02/07

Lab: BAT

ANIMAL NUM: 369

TMT: 8

SEX: Female

DAY ON TEST: 730

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900369

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Eye |
| * Gallbladder | * Heart | * Intestine Large, Cecum | * Intestine Large, Colon |
| * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum |
| * Islets, Pancreatic | * Kidney | * Lung | * Lymph Node, Mandibular |
| * Mammary Gland | * Ovary | * Pancreas | * Parathyroid Gland |
| * Pituitary Gland | * Skin | * Spleen | * Stomach, Forestomach |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

MISSING

- * Lymph Node, Mesenteric

OBSERVATIONS

- | | | | |
|----------------------|------------------------------------|-----------------------|-------------------------|
| * Bone | | Fibrosis | Mild |
| * Harderian Gland | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Liver | | Eosinophilic Focus | |
| | [Eosinophilic Focus TGLs = 1-10] | | |
| * Nose | Nerve | Atrophy | Moderate |
| | Olfactory Epi | Degeneration | Moderate |
| | Glands, Respirat Epith | Hyperplasia | Moderate |
| | | Inflammation | Minimal |
| * Salivary Glands | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Stomach, Glandular | Epithelium | Necrosis | Minimal |
| * Thymus | | Atrophy | Minimal |
| * Uterus | Endometrium | Hyperplasia | Cystic, Minimal |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 370

TMT: 8
 DOSE: 250 mg/kg

SEX: Female
 DISP: Terminal Sacrifice

DAY ON TEST: 731
 HISTO: 0900370

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Gallbladder | * Harderian Gland | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney |
| * Lung | * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland |
| * Ovary | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Skin | * Stomach, Forestomach | * Thyroid Gland | * Trachea |
| * Urinary Bladder | * Uterus | | |

OBSERVATIONS

- | | | | |
|----------------------|------------------------|----------------------------------|-------------------------|
| * Liver | | Fatty Change | Mild |
| * Nose | Nerve | Atrophy | Moderate |
| | Olfactory Epi | Degeneration | Moderate |
| | Glands, Respirat Epith | Hyperplasia | Moderate |
| | | Inflammation | Minimal |
| * Salivary Glands | | Infiltration Cellular | Mononuclear Cl, Minimal |
| * Spleen | | Hematopoietic Cell Proliferation | Minimal |
| * Stomach, Glandular | Epithelium | Hyperplasia | Minimal |
| | | Inflammation | Chronic, Minimal |
| | Epithelium | Necrosis | Minimal |
| * Thymus | | Atrophy | Minimal |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 371

TMT: 8
 DOSE: 250 mg/kg

SEX: Female
 DISP: Terminal Sacrifice

DAY ON TEST: 729
 HISTO: 0900371

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Liver		Eosinophilic Focus	
		Fatty Change	Minimal
	[Eosinophilic Focus TGLs = 1-10]		
* Nose	Nerve	Atrophy	Moderate
	Olfactory Epi	Degeneration	Moderate
	Glands, Respirat Epith	Hyperplasia	Moderate
		Inflammation	Minimal
* Stomach, Glandular	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
	Epithelium	Necrosis	Minimal
* Thymus		Atrophy	Minimal
Tooth		Malformation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 372

TMT: 8
 DOSE: 250 mg/kg

SEX: Female
 DISP: Terminal Sacrifice

DAY ON TEST: 730
 HISTO: 0900372

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Liver		Eosinophilic Focus	
		Fatty Change	Minimal
		Mixed Cell Focus	
	[Mixed Cell Focus TGLs = 1-10]		
* Nose	Nerve	Atrophy	Moderate
	Olfactory Epi	Degeneration	Moderate
	Glands, Respirat Epith	Hyperplasia	Moderate
		Inflammation	Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular		Inflammation	Chronic, Minimal
	Epithelium	Necrosis	Minimal
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 373

TMT: 8
DOSE: 250 mg/kg

SEX: Female
DISP: Natural Death

DAY ON TEST: 706
HISTO: 0900373

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Harderian Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Eosinophilic Focus	
		Fatty Change	Minimal
* Nose	Nerve	Atrophy	Moderate
	Olfactory Epi	Degeneration	Moderate
	Glands, Respirat Epith	Hyperplasia	Moderate
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH - UNCERTAIN

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 374

TMT: 8
 DOSE: 250 mg/kg

SEX: Female
 DISP: Terminal Sacrifice

DAY ON TEST: 729
 HISTO: 0900374

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Lung	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Harderian Gland		Hyperplasia	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Liver		Fatty Change	Minimal
		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Nose	Nerve	Atrophy	Moderate
	Olfactory Epi	Degeneration	Moderate
	Glands, Respirat Epith	Hyperplasia	Moderate
		Inflammation	Minimal
* Ovary		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Hyperplasia	Mild
* Spleen		Lymphoma Malignant	
* Stomach, Forestomach		Ulcer	Mild
* Stomach, Glandular	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic, Mild
	Epithelium	Necrosis	Minimal
* Thymus		Atrophy	Mild
		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 375

TMT: 8
 DOSE: 250 mg/kg

SEX: Female
 DISP: Moribund Sacrifice

DAY ON TEST: 491
 HISTO: 0900375

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Adren Cortex			
Note: One adrenal cortex was missing			
* Adren Medulla			
Note: One adrenal medulla was missing			
Blood Vessel	Aorta	Inflammation	Chronic, Mild
* Heart	Artery	Inflammation	Chronic, Mild
* Kidney	Renal Tubule	Carcinoma	Multiple
	Renal Tubule	Cyst	Mild
	Artery	Inflammation	Chronic, Moderate
	[Carcinoma TGLs = 1,2,3-10+11]		
* Lung		Hyperplasia	Lymphoid, Mild
* Nose	Nerve	Atrophy	Moderate
	Olfactory Epi	Degeneration	Moderate
	Glands, Respirat Epith	Hyperplasia	Moderate
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Mild
* Spleen		Hematopoietic Cell Proliferation	Mild
* Thymus		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Kidney Renal Tubule Carcinoma

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 376

TMT: 8
 DOSE: 250 mg/kg

SEX: Female
 DISP: Terminal Sacrifice

DAY ON TEST: 730
 HISTO: 0900376

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone		Fibrosis	Minimal
* Liver		Eosinophilic Focus	
		Fatty Change	Mild
		Hepatocellular Adenoma	
		Hepatocellular Carcinoma	
	[Hepatocellular Adenoma TGLs = 2-10]		
	[Hepatocellular Carcinoma TGLs = 1-10]		
* Nose	Nerve	Atrophy	Moderate
	Olfactory Epi	Degeneration	Moderate
	Glands, Respirat Epith	Hyperplasia	Moderate
		Inflammation	Mild
* Stomach, Glandular	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic, Mild
	Epithelium	Necrosis	Minimal
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 377

TMT: 8
 DOSE: 250 mg/kg

SEX: Female
 DISP: Terminal Sacrifice

DAY ON TEST: 731
 HISTO: 0900377

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Eye			
	Note: Both optic nerves were missing		
* Harderian Gland		Atrophy	Minimal
		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Metaplasia	Osseous, Minimal
		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Fatty Change	Minimal
* Nose	Nerve	Atrophy	Moderate
	Olfactory Epi	Degeneration	Moderate
	Glands, Respirat Epith	Hyperplasia	Moderate
		Inflammation	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular		Inflammation	Chronic, Minimal
	Epithelium	Necrosis	Minimal
* Thymus		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 378

TMT: 8
 DOSE: 250 mg/kg

SEX: Female
 DISP: Terminal Sacrifice

DAY ON TEST: 729
 HISTO: 0900378

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Harderian Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Fatty Change	Mild
		Hepatodiaphragmatic Nodule	
		Tension Lipidosis	Minimal
	[Hepatodiaphragmatic Nodule		
* Nose	TGLs = 1-3]	Atrophy	Moderate
	Nerve	Degeneration	Moderate
	Olfactory Epi	Hyperplasia	Moderate
	Glands, Respirat Epith	Inflammation	Mild
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic, Mild
	Epithelium	Necrosis	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 379

TMT: 8
 DOSE: 250 mg/kg

SEX: Female
 DISP: Terminal Sacrifice

DAY ON TEST: 730
 HISTO: 0900379

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Islets, Pancreatic	* Mammary Gland	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Adrenal Cortex		Lymphoma Malignant	
* Gallbladder		Lymphoma Malignant	
* Harderian Gland		Lymphoma Malignant	
* Heart	Myocardium	Mineralization	Moderate
* Intestine Small, Ileum		Lymphoma Malignant	
* Intestine Small, Jejunum		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
Lymph Node	Lumbar	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	[Lymphoma Malignant	TGLs = 4-11]	
	[Lymphoma Malignant	TGLs = 6-13]	
	[Lymphoma Malignant	TGLs = 5-12]	
* Lymph Node, Mandibular		Lymphoma Malignant	
	[Lymphoma Malignant	TGLs = 2-10]	
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[Lymphoma Malignant	TGLs = 3-5]	
Mesentery		Lymphoma Malignant	
	[Lymphoma Malignant	TGLs = 7-14]	
* Nose	Nerve	Atrophy	Moderate
	Olfactory Epi	Degeneration	Moderate

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 379

TMT: 8
DOSE: 250 mg/kg

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 730
HISTO: 0900379

ORGAN AND ACCOUNTABLE SITE STATUS

	Glands, Respirat Epith	Hyperplasia	Moderate
		Inflammation	Minimal
* Pancreas		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 1-4]		
* Stomach, Glandular		Inflammation	Chronic, Minimal
	Epithelium	Necrosis	Minimal
* Thymus		Lymphoma Malignant	

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 380

TMT: 8

SEX: Female

DAY ON TEST: 731

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900380

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone		Fibrosis	Mild
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Nose	Nerve	Atrophy	Moderate
	Olfactory Epi	Degeneration	Moderate
	Glands, Respirat Epith	Hyperplasia	Moderate
* Stomach, Glandular	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
	Epithelium	Necrosis	Minimal
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

[Hyperplasia TGLs = 1-7]

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 381

TMT: 8
 DOSE: 250 mg/kg

SEX: Female
 DISP: Terminal Sacrifice

DAY ON TEST: 729
 HISTO: 0900381

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone		Fibrosis	Minimal
* Liver		Fatty Change	Mild
* Nose	Nerve	Atrophy	Moderate
	Olfactory Epi	Degeneration	Moderate
	Glands, Respirat Epith	Hyperplasia	Moderate
		Inflammation	Minimal
* Ovary		Cyst	Minimal
* Stomach, Glandular	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
	Epithelium	Necrosis	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 382

TMT: 8
 DOSE: 250 mg/kg

SEX: Female
 DISP: Terminal Sacrifice

DAY ON TEST: 731
 HISTO: 0900382

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Brain		Inflammation	Granulomatous, Mild
* Harderian Gland		Hyperplasia	Mild
* Liver		Eosinophilic Focus	
		Fatty Change	Mild
		Hepatocellular Carcinoma	
	[Eosinophilic Focus TGLs = 2-11]		
	[Hepatocellular Carcinoma TGLs = 1-10]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLs = 3-3]		
* Nose	Nerve	Atrophy	Moderate
	Olfactory Epi	Degeneration	Moderate
	Glands, Respirat Epith	Hyperplasia	Moderate
		Inflammation	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
	Epithelium	Necrosis	Minimal
* Thymus		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 383

TMT: 8
DOSE: 250 mg/kg

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 731
HISTO: 0900383

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Liver		Eosinophilic Focus	
		Fatty Change	Mild
	[Eosinophilic Focus TGLs = 1-10]		
* Nose	Nerve	Atrophy	Moderate
	Olfactory Epi	Degeneration	Moderate
	Glands, Respirat Epith	Hyperplasia	Moderate
		Inflammation	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
	Epithelium	Necrosis	Minimal
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 384

TMT: 8

SEX: Female

DAY ON TEST: 729

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900384

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Harderian Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Basophilic Focus	
		Fatty Change	Mild
		Mixed Cell Focus	
	[Fatty Change TGLs = 1-3+4+5+10]		
* Nose	Nerve	Atrophy	Moderate
	Olfactory Epi	Degeneration	Moderate
	Glands, Respirat Epith	Hyperplasia	Moderate
		Inflammation	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
	Epithelium	Necrosis	Minimal
Tooth		Malformation	Minimal

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 385

TMT: 8

SEX: Female

DAY ON TEST: 730

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900385

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Harderian Gland		Hyperplasia	Mild
		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Fatty Change	Mild
		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLs = 1-10]		
* Nose	Nerve	Atrophy	Moderate
	Olfactory Epi	Degeneration	Moderate
	Glands, Respirat Epith	Hyperplasia	Moderate
		Inflammation	Mild
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic, Mild
	Epithelium	Necrosis	Mild
* Thymus		Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 386

TMT: 8
DOSE: 250 mg/kg

SEX: Female
DISP: Natural Death

DAY ON TEST: 558
HISTO: 0900386

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Liver		Histiocytic Sarcoma	
	[Histiocytic Sarcoma TGLs = 1-3+4+5+10]		
* Lung		Histiocytic Sarcoma	
* Nose	Nerve	Atrophy	Moderate
	Olfactory Epi	Degeneration	Moderate
	Glands, Respirat Epith	Hyperplasia	Moderate
* Ovary		Histiocytic Sarcoma	
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic, Minimal
	Epithelium	Necrosis	Minimal
		Ulcer	Moderate
* Thymus		Atrophy	Moderate
* Urinary Bladder	Transit Epithe	Hyperplasia	Minimal
* Uterus		Histiocytic Sarcoma	
	Endometrium	Hyperplasia	Cystic, Mild
	[Histiocytic Sarcoma TGLs = 2-11]		

PRIMARY CAUSE OF DEATH - Uterus Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
CAS Number: 700-06-1

Date Report Requested: 03/25/2010
Time Report Requested: 12:07:47
First Dose M/F: 04/03/07 / 04/02/07
Lab: BAT

ANIMAL NUM: 387

TMT: 8

SEX: Female

DAY ON TEST: 730

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900387

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Fatty Change	Mild
		Mixed Cell Focus	
* Nose	Nerve	Atrophy	Moderate
	Olfactory Epi	Degeneration	Moderate
	Glands, Respirat Epith	Hyperplasia	Moderate
		Inflammation	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
	Epithelium	Necrosis	Minimal
* Thymus		Atrophy	Mild

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 388

TMT: 8
DOSE: 250 mg/kg

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 0900388

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Liver		Fatty Change	Minimal
* Nose	Nerve	Atrophy	Moderate
	Olfactory Epi	Degeneration	Moderate
	Glands, Respirat Epith	Hyperplasia	Moderate
		Inflammation	Mild
* Ovary		Cyst	Mild
[Cyst TGLs = 1-10]			
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic, Mild
	Epithelium	Necrosis	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 389

TMT: 8
 DOSE: 250 mg/kg

SEX: Female
 DISP: Terminal Sacrifice

DAY ON TEST: 730
 HISTO: 0900389

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Gallbladder | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Kidney | * Lung |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland | * Pancreas |
| * Parathyroid Gland | * Pituitary Gland | * Salivary Glands | * Skin |
| * Spleen | * Thyroid Gland | * Trachea | * Urinary Bladder |

OBSERVATIONS

- | | | | |
|------------------------|----------------------------|-----------------------|-------------------------|
| * Harderian Gland | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Liver | | Fatty Change | Minimal |
| * Nose | Nerve | Atrophy | Moderate |
| | Olfactory Epi | Degeneration | Moderate |
| | Glands, Respirat Epith | Hyperplasia | Moderate |
| | | Inflammation | Minimal |
| * Ovary | | Cystadenoma | |
| | [Cystadenoma TGLs = 1-7] | | |
| * Stomach, Forestomach | | Ulcer | Mild |
| * Stomach, Glandular | Epithelium | Hyperplasia | Minimal |
| | | Inflammation | Chronic, Minimal |
| | Epithelium | Necrosis | Minimal |
| * Thymus | | Atrophy | Minimal |
| * Uterus | Endometrium | Hyperplasia | Cystic, Moderate |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 390

TMT: 8
DOSE: 250 mg/kg

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 729
HISTO: 0900390

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Spleen	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Harderian Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Fatty Change	Minimal
* Lung	Alveolar Epith	Hyperplasia	Minimal
* Nose	Nerve	Atrophy	Moderate
	Olfactory Epi	Degeneration	Moderate
	Glands, Respirat Epith	Hyperplasia	Moderate
		Inflammation	Minimal
* Ovary		Cystadenoma	
	[Cystadenoma TGLs = 1-7]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Skin		Hemangioma	
	[Hemangioma TGLs = 2-10]		
* Stomach, Glandular	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
	Epithelium	Necrosis	Minimal
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 391

TMT: 8
 DOSE: 250 mg/kg

SEX: Female
 DISP: Terminal Sacrifice

DAY ON TEST: 729
 HISTO: 0900391

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|--------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Eye | * Gallbladder | * Harderian Gland | * Heart |
| * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Islets, Pancreatic | * Kidney | * Lung |
| * Lymph Node, Mandibular | * Mammary Gland | * Ovary | * Pancreas |
| * Parathyroid Gland | * Pituitary Gland | * Skin | * Spleen |
| * Stomach, Forestomach | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

OBSERVATIONS

- | | | | |
|--|--|--|--|
| * Intestine Small, Jejunum
[Lymphoma Malignant TGLs = 4-12] | | Lymphoma Malignant | |
| * Liver
[Hepatocellular Adenoma TGLs = 3-11] | | Fatty Change
Hepatocellular Adenoma | Minimal |
| * Lymph Node, Mesenteric
[Lymphoma Malignant TGLs = 5-5] | | Lymphoma Malignant | |
| Mesentery
[Necrosis TGLs = 1-10] | Fat | Necrosis | Mild |
| * Nose | Nerve
Olfactory Epi
Glands, Respirat Epith | Atrophy
Degeneration
Hyperplasia
Inflammation | Moderate
Moderate
Moderate
Mild |
| * Salivary Glands | | Infiltration Cellular | Mononuclear CI, Minimal |
| * Stomach, Glandular | Epithelium | Hyperplasia
Inflammation | Minimal
Chronic, Minimal |
| * Uterus
[Hyperplasia TGLs = 2-7] | Epithelium
Endometrium | Necrosis
Hyperplasia | Minimal
Cystic, Moderate |

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 392

TMT: 8

SEX: Female

DAY ON TEST: 729

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900392

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Skin
* Spleen	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Harderian Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Eosinophilic Focus	
		Fatty Change	Mild
		Hepatoblastoma	
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	Multiple
	[Hepatoblastoma TGLs = 3-12]		
	[Hepatocellular Adenoma TGLs = 4,5-12+13]		
	[Hepatocellular Carcinoma TGLs = 2,6-11+14]		
Mesentery	Fat	Necrosis	Mild
	[Necrosis TGLs = 1-10]		
* Nose	Nerve	Atrophy	Mild
	Olfactory Epi	Degeneration	Moderate
	Glands, Respirat Epih	Hyperplasia	Moderate
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular		Inflammation	Chronic, Minimal
	Epithelium	Necrosis	Minimal
* Thymus		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 393

TMT: 8
 DOSE: 250 mg/kg

SEX: Female
 DISP: Terminal Sacrifice

DAY ON TEST: 731
 HISTO: 0900393

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Harderian Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	
	[Eosinophilic Focus TGLs = 2,3,5-11+12+14]		
	[Hepatocellular Adenoma TGLs = 1-10]		
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLs = 4-13]		
* Nose	Nerve	Atrophy	Moderate
	Olfactory Epi	Degeneration	Moderate
	Glands, Respirat Epith	Hyperplasia	Moderate
		Inflammation	Minimal
* Ovary		Cyst	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Minimal
* Stomach, Glandular	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
	Epithelium	Necrosis	Minimal
* Thymus		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 394

TMT: 8

SEX: Female

DAY ON TEST: 730

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900394

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Spleen
* Stomach, Forestomach	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Harderian Gland		Hyperplasia	Minimal
		Infiltration Cellular	Mononuclear CI, Minimal
* Kidney		Nephropathy	Minimal
* Liver		Fatty Change	Mild
		Mixed Cell Focus	
	[Mixed Cell Focus TGLs = 1-10]		
* Nose	Nerve	Atrophy	Moderate
	Olfactory Epi	Degeneration	Moderate
	Glands, Respirat Epith	Hyperplasia	Moderate
		Inflammation	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic, Mild
	Epithelium	Necrosis	Minimal
* Thymus		Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol

CAS Number: 700-06-1

Date Report Requested: 03/25/2010

Time Report Requested: 12:07:47

First Dose M/F: 04/03/07 / 04/02/07

Lab: BAT

ANIMAL NUM: 395

TMT: 8

SEX: Female

DAY ON TEST: 731

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900395

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|----------------------------|---------------------------|-----------------------------|--------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * Bone Marrow |
| * Brain | * Clitoral Gland | * Esophagus | * Eye |
| * Gallbladder | * Harderian Gland | * Heart | * Intestine Large, Cecum |
| * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum | * Intestine Small, Ileum |
| * Intestine Small, Jejunum | * Islets, Pancreatic | * Lung | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Mammary Gland | * Ovary | * Pancreas |
| * Parathyroid Gland | * Pituitary Gland | * Salivary Glands | * Skin |
| * Stomach, Forestomach | * Thyroid Gland | * Trachea | * Urinary Bladder |

OBSERVATIONS

- | | | | |
|----------------------|------------------------|----------------------------------|------------------|
| * Bone | | Fibrosis | Mild |
| * Kidney | | Nephropathy | Minimal |
| * Liver | | Fatty Change | Mild |
| * Nose | Nerve | Atrophy | Moderate |
| | Olfactory Epi | Degeneration | Moderate |
| | Glands, Respirat Epith | Hyperplasia | Moderate |
| | | Inflammation | Minimal |
| * Spleen | | Hematopoietic Cell Proliferation | Mild |
| * Stomach, Glandular | Epithelium | Hyperplasia | Mild |
| | | Inflammation | Chronic, Mild |
| | Epithelium | Necrosis | Minimal |
| * Thymus | | Atrophy | Minimal |
| * Uterus | Endometrium | Hyperplasia | Cystic, Moderate |

[Hyperplasia TGLs = 1-7]

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 396

TMT: 8
 DOSE: 250 mg/kg

SEX: Female
 DISP: Terminal Sacrifice

DAY ON TEST: 730
 HISTO: 0900396

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Skin	* Spleen	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Harderian Gland		Infiltration Cellular	Mononuclear CI, Minimal
* Liver		Clear Cell Focus	
		Eosinophilic Focus	
		Fatty Change	Mild
		Fatty Change	Mild
		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLs = 1-10]		
* Nose	Nerve	Atrophy	Moderate
	Olfactory Epi	Degeneration	Moderate
	Glands, Respirat Epith	Hyperplasia	Moderate
		Inflammation	Minimal
* Ovary		Cyst	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Stomach, Glandular	Epithelium	Hyperplasia	Mild
		Inflammation	Chronic, Mild
	Epithelium	Necrosis	Minimal
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 397

TMT: 8
 DOSE: 250 mg/kg

SEX: Female
 DISP: Terminal Sacrifice

DAY ON TEST: 729
 HISTO: 0900397

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Liver		Fatty Change	Minimal
	[Hepatocellular Adenoma TGLs = 2-10]	Hepatocellular Adenoma	
Mesentery	Fat	Necrosis	Mild
	[Necrosis TGLs = 3-10]		
* Nose	Nerve	Atrophy	Moderate
	Olfactory Epi	Degeneration	Moderate
	Glands, Respirat Epith	Hyperplasia	Moderate
		Inflammation	Mild
* Ovary		Cyst	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLs = 1-7]		

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 398

TMT: 8
 DOSE: 250 mg/kg

SEX: Female
 DISP: Terminal Sacrifice

DAY ON TEST: 730
 HISTO: 0900398

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Liver		Fatty Change	Mild
* Nose	Nerve	Atrophy	Moderate
	Olfactory Epi	Degeneration	Moderate
	Glands, Respirat Epith	Hyperplasia	Moderate
		Inflammation	Minimal
* Ovary		Cyst	Mild
		Cystadenoma	
	[Cyst TGLs = 1-7]		
* Skin	Subcut Tiss	Hemorrhage	Mild
	Note: Based on histology, TGL 2 was located in the skin, not the skeletal muscle		
	[Hemorrhage TGLs = 2-10]		
* Stomach, Glandular	Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic, Minimal
	Epithelium	Necrosis	Minimal
* Thymus		Atrophy	Moderate
Tooth		Malformation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 399

TMT: 8
 DOSE: 250 mg/kg

SEX: Female
 DISP: Terminal Sacrifice

DAY ON TEST: 731
 HISTO: 0900399

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Kidney		Nephropathy	Moderate
* Liver		Fatty Change	Minimal
		Hyperplasia	Lymphoid, Moderate
	[Hyperplasia TGLs = 1-10]		
* Nose	Nerve	Atrophy	Moderate
	Olfactory Epi	Degeneration	Moderate
	Glands, Respirat Epith	Hyperplasia	Moderate
		Inflammation	Minimal
* Ovary		Angiectasis	Marked
		Thrombosis	Marked
	Note: One ovary was missing		
	[Thrombosis TGLs = 2-7]		
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
* Stomach, Glandular		Inflammation	Chronic, Minimal
	Epithelium	Necrosis	Minimal
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

TDMS No. 20006 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Indole-3-carbinol
 CAS Number: 700-06-1

Date Report Requested: 03/25/2010
 Time Report Requested: 12:07:47
 First Dose M/F: 04/03/07 / 04/02/07
 Lab: BAT

ANIMAL NUM: 400

TMT: 8

SEX: Female

DAY ON TEST: 730

DOSE: 250 mg/kg

DISP: Terminal Sacrifice

HISTO: 0900400

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Eye	* Gallbladder	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Skin	* Stomach, Forestomach
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Liver		Eosinophilic Focus	
	[Eosinophilic Focus TGLs = 2-10]		
* Nose	Nerve	Atrophy	Moderate
	Olfactory Epi	Degeneration	Moderate
	Glands, Respirat Epith	Hyperplasia	Moderate
		Inflammation	Minimal
* Ovary		Cyst	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
* Salivary Glands		Infiltration Cellular	Mononuclear CI, Minimal
* Spleen		Hematopoietic Cell Proliferation	Mild
	[Hematopoietic Cell Proliferation TGLs = 1-10]		
* Stomach, Glandular		Inflammation	Chronic, Minimal
	Epithelium	Necrosis	Minimal
* Thymus		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

*** END OF REPORT ***