

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

2-year Core Mice_Final 1

NTP Study Number:	C00058B		
Lock Date:	10/02/2018		
Cage Range:	ALL		
Date Range:	ALL		
Reasons For Removal:	25022 ACCK	25021 TSAC	25020 NATD
	25019 MSAC		
Removal Date Range:	ALL		
Treatment Groups:	Include ALL		
Study Gender:	Female		
TDMSE Version:	3.0.2.3_002		
PWG Approval Date:	NONE		

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 Black Cohosh
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 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 2

TRT#: 1

SEX: Female

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401451

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	Vagina

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Adrenal Medulla		Leukemia Mononuclear	
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
* Liver		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 3-4+5+6]		
* Lung		Leukemia Mononuclear	
* Lymph Node, Mandibular		Leukemia Mononuclear	
* Lymph Node, Mesenteric		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 4-14]		
* Ovary		Atrophy	Marked
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 2-13]		
* Thymus		Leukemia Mononuclear	
* Urinary Bladder		Leukemia Mononuclear	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

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Black Cohosh
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First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 3

TRT#: 1

SEX: Female

DAY ON TEST: 732

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401452

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	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	Vagina

MISSING

* Parathyroid Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Nose	Respirat Epith	Hyperplasia	Minimal
* Ovary		Atrophy	Mild
	Follicle	Cyst	
[Cyst TGLs = 2-13]			
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLs = 1-11+12]			

Experiment Number: 00058 - 04
 Test Type: CHRONIC
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P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 4

TRT#: 1

SEX: Female

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401453

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	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Kidney		Lymphoma Malignant	
* Ovary		Atrophy	Moderate
	Follicle	Cyst	
	[Cyst TGLs = 1-10]		
* Spleen		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Vagina	Epithelium	Hyperplasia	Squamous, Minimal

Experiment Number: 00058 - 04
 Test Type: CHRONIC
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 Black Cohosh
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Date Report Requested: 12/10/2020
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 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 5

TRT#: 1

SEX: Female

DAY ON TEST: 731

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401454

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	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Intestine Small, Jejunum [Hyperplasia TGLs = 5-6]	Peyers Patch	Hyperplasia	Lymphocyte, Marked
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Chronicprogr, Minimal
* Liver	Hepatocyte	Atrophy	Mild
		Hepatocellular Adenoma	Multiple
		Hepatocellular Carcinoma	
		Pigment	Minimal
[Atrophy TGLs = 3-5+14]			
[Hepatocellular Adenoma TGLs = 2,6-14+15]			
[Hepatocellular Carcinoma TGLs = 1-13]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphocyte, Mild
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Hyperplasia	Minimal
* Ovary		Atrophy	Marked
* Spleen		Extramedullary Hematopoiesis	Increased
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLs = 4-11+12]			
Vagina	Epithelium	Hyperplasia	Squamous, Mild
		Inflammation	Acute, Mild

* PROTOCOL REQUIRED TISSUE

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P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
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 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 6

TRT#: 1

SEX: Female

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401455

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	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Chronicprogr, Minimal
* Liver		Basophilic Focus	
		Eosinophilic Focus	
* Lymph Node, Mesenteric		Hyperplasia	Lymphocyte, Moderate
* Nose	Respirat Epith	Hyperplasia	Minimal
* Ovary		Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Pigment	Minimal
* Uterus		Hemangioma	
	Endometrium	Hyperplasia	Cystic, Moderate
	[Hemangioma TGLs = 2-12]		
	[Hyperplasia TGLs = 1-11+12]		
Vagina	Epithelium	Hyperplasia	Squamous, Mild

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 Black Cohosh
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 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 7

TRT#: 1

SEX: Female

DAY ON TEST: 731

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401456

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	* Kidney	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Liver		Eosinophilic Focus	
* Lymph Node, Mesenteric		Hyperplasia	Lymphocyte, Mild
* Ovary		Atrophy	Marked
	Follicle	Cyst	
	[Cyst TGLs = 2-10]		
* Spleen		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
	[Hyperplasia TGLs = 1-11+12+15]		
Vagina	Epithelium	Hyperplasia	Squamous, Moderate
		Inflammation	Acute, Mild

Experiment Number: 00058 - 04
 Test Type: CHRONIC
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P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 9

TRT#: 1

SEX: Female

DAY ON TEST: 733

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401458

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	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

Mesentery [Necrosis TGLs = 2-14]	Fat	Necrosis	Moderate
* Nose	Respirat Epith	Hyperplasia	Minimal
* Ovary [Cyst TGLs = 1-10]	Follicle	Atrophy Cyst	Marked
* Spleen		Hyperplasia	Lymphocyte, Mild
* Uterus		Angiectasis	Mild
	Endometrium	Hyperplasia	Cystic, Mild
Vagina	Epithelium	Hyperplasia	Squamous, Minimal

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P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

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First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 10

TRT#: 1

SEX: Female

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401459

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	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Liver		Clear Cell Focus	
		Fatty Change	Minimal
* Lung	Alveolus, Epithelium	Hyperplasia	Marked
* Lymph Node, Mesenteric		Hyperplasia	Lymphocyte, Mild
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
* Ovary		Atrophy	Mild
* Spleen		Hyperplasia	Lymphocyte, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Vagina		Inflammation	Acute, Minimal

Experiment Number: 00058 - 04
 Test Type: CHRONIC
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P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 11

TRT#: 1

SEX: Female

DAY ON TEST: 732

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401460

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
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Brain		Polyarteritis Nodosa	Minimal
* Heart		Polyarteritis Nodosa	Minimal
* Kidney		Nephropathy	Chronicprogr, Minimal
		Polyarteritis Nodosa	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLs = 1,2-13+14]		
* Ovary	Follicle	Cyst	
	[Cyst TGLs = 3-10]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Skin	Subcut Tiss	Fibrosis	Mild
* Spleen		Extramedullary Hematopoiesis	Increased
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
Vagina	Epithelium	Hyperplasia	Squamous, Marked
		Inflammation	Acute, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 12

TRT#: 1

SEX: Female

DAY ON TEST: 691

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 1401461

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, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Mammary Gland	* Nose	* Pancreas
* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Eye	Lens	Cataract	Minimal
* Intestine Large, Colon		Inflammation	Acute, Mild
		Ulcer	Mild
* Kidney		Nephropathy	Chronicprogr, Mild
* Liver		Histiocytic Sarcoma	
* Lung		Histiocytic Sarcoma	
* Lymph Node, Mandibular		Atrophy	Mild
* Lymph Node, Mesenteric		Atrophy	Mild
* Ovary		Atrophy	Marked
	Follicle	Cyst	
* Skin		Sarcoma	
	[Sarcoma TGLs = 1-13]		
* Spleen	White Pulp	Atrophy	Moderate
		Extramedullary Hematopoiesis	Increased
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Vagina		Inflammation	Acute, Minimal

PRIMARY CAUSE OF DEATH - Skin Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 00058 - 04
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Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 15

TRT#: 1

SEX: Female

DAY ON TEST: 731

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401464

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
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	Vagina	

OBSERVATIONS

* Liver		Histiocytic Sarcoma	
	[Histiocytic Sarcoma TGLs = 1-15]		
* Lung		Alveolar/Bronchiolar Adenoma	
* Ovary		Atrophy	Mild
		Cyst	Epithelial
* Pancreas	Acinus	Atrophy	Mild
	Note: With adipose replacement.		
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Inflammation	Acute, Moderate
	[Hyperplasia TGLs = 2-11+12]		

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P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 16

TRT#: 1

SEX: Female

DAY ON TEST: 733

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401465

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Heart	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Mammary Gland
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Bone Marrow		Lymphoma Malignant	
* Harderian Gland		Lymphoma Malignant	
* Intestine Large, Cecum		Lymphoma Malignant	
* Intestine Large, Colon		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
		Tension Lipidosis	Minimal
* Lung		Lymphoma Malignant	
Lymph Node	Lumbar	Lymphoma Malignant	
[Lymphoma Malignant	TGLs = 4-15]		
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant	TGLs = 6-16]		
Mesentery		Lymphoma Malignant	
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
		Lymphoma Malignant	
* Ovary		Atrophy	Mild
		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma	TGLs = 5-7]		
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant	TGLs = 1-14]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 16

TRT#: 1

SEX: Female

DAY ON TEST: 733

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401465

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus			Lymphoma Malignant	
* Urinary Bladder			Lymphoma Malignant	
* Uterus			Angiectasis	Mild
		Endometrium	Hyperplasia	Cystic, Mild
			Lymphoma Malignant	
	[Angiectasis	TGLs = 2-12]		
	[Hyperplasia	TGLs = 3-11+12]		
Vagina		Epithelium	Hyperplasia	Squamous, Minimal

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 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 18

TRT#: 1

SEX: Female

DAY ON TEST: 731

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401467

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
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone		Fibro-Osseous Lesion	Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphocyte, Mild
* Nose	Respirat Epith	Hyperplasia	Minimal
* Ovary		Atrophy	Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	[Hyperplasia TGLs = 1-11+12]		
Vagina	Epithelium	Hyperplasia	Squamous, Moderate

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 19

TRT#: 1

SEX: Female

DAY ON TEST: 731

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401468

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
* Kidney	* Liver	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Eye	Lens	Cataract	Mild
		Phthisis Bulbi	
* Harderian Gland		Adenoma	
		Fibrosis	Marked
	Note: Atypical fibroplasia associated with hemorrhage/thrombosis in the gland also containing the adenoma.		
	[Adenoma TGLs = 1-8]		
* Islets, Pancreatic		Hyperplasia	Minimal
* Lymph Node, Mesenteric		Extramedullary Hematopoiesis	Minimal
		Hemorrhage	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Vagina	Epithelium	Hyperplasia	Squamous, Minimal
		Inflammation	Acute, Minimal

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 20

TRT#: 1

SEX: Female

DAY ON TEST: 733

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401469

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	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Hyperplasia	Focal, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphocyte, Moderate
* Nose	Respirat Epith	Hyperplasia	Minimal
* Ovary		Atrophy	Marked
* Spleen		Hyperplasia	Lymphocyte, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
	[Hyperplasia TGLs = 1-11+12]		
Vagina		Inflammation	Acute, Minimal

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 21

TRT#: 1

SEX: Female

DAY ON TEST: 731

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401470

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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	* Liver	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	Vagina		

OBSERVATIONS

* Bone		Hemangiosarcoma	Metastatic (Spleen)
* Heart		Cardiomyopathy	Minimal
Lymph Node	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
	Pancreatic	Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 4-15]		
	[Lymphoma Malignant TGLs = 5-16]		
	[Lymphoma Malignant TGLs = 3-14]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
Mesentery		Hemangiosarcoma	Metastatic (Spleen)
	[Hemangiosarcoma TGLs = 1-13]		
* Nose	Respirat Epith	Hyperplasia	Minimal
* Ovary		Atrophy	Mild
* Spleen		Hemangiosarcoma	
	[Hemangiosarcoma TGLs = 2-5]		
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 23

TRT#: 1

SEX: Female

DAY ON TEST: 732

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401472

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 | * Liver | * Lung |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland | * Nose |
| * Pancreas | * Pituitary Gland | * Salivary Glands | * Skin |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

MISSING

- * Parathyroid Gland

OBSERVATIONS

- | | | | |
|----------|--------------|----------------------|-----------------------|
| * Bone | | Fibro-Osseous Lesion | Minimal |
| * Kidney | Renal Tubule | Cyst | |
| | | Infarct | Chronic, Minimal |
| | | Nephropathy | Chronicprogr, Minimal |
| * Ovary | Follicle | Cyst | |
| | | | |
| * Spleen | | Hyperplasia | Lymphocyte, Minimal |
| * Uterus | Endometrium | Hyperplasia | Cystic, Mild |
| Vagina | Epithelium | Hyperplasia | Squamous, Moderate |
| | | Inflammation | Acute, Minimal |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 24

TRT#: 1

SEX: Female

DAY ON TEST: 732

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401473

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	* Kidney	* Lung
* 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	Vagina

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Liver		Basophilic Focus	
	[Basophilic Focus TGLs = 1-14]		
* Lymph Node, Mesenteric		Hyperplasia	Lymphocyte, Moderate
Mesentery	Fat	Necrosis	Moderate
	[Necrosis TGLs = 2-15]		
* Spleen		Extramedullary Hematopoiesis	Increased
		Hyperplasia	Lymphocyte, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 25

TRT#: 1

SEX: Female

DAY ON TEST: 649

DOSE: 0 mg/kg

DISP: Natural Death

HISTO: 1401474

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	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	Vagina	

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Hepatocellular Carcinoma	
	[Hepatocellular Carcinoma TGLs = 2-13]		
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Mild
* Ovary		Atrophy	Marked
* Spleen		Extramedullary Hematopoiesis	Increased
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 26

TRT#: 1

SEX: Female

DAY ON TEST: 732

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401475

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	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Kidney	Renal Tubule	Cyst	
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Hyperplasia	Minimal
* Ovary		Atrophy	Mild
	Follicle	Cyst	
	[Cyst TGLs = 1-10]		
* Spleen		Hyperplasia	Lymphocyte, Minimal
Vagina	Epithelium	Hyperplasia	Squamous, Mild

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 27

TRT#: 1

SEX: Female

DAY ON TEST: 691

DOSE: 0 mg/kg

DISP: Natural Death

HISTO: 1401476

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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
* Mammary Gland	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Trachea

OBSERVATIONS

* Adrenal Cortex		Lymphoma Malignant	
* Harderian Gland		Lymphoma Malignant	
* Heart		Mineral	
* Kidney		Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 2-14]		
* Liver		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLs = 3,4-15+16]	Lymphoma Malignant	
* Lung		Lymphoma Malignant	
Lymph Node	Renal	Lymphoma Malignant	
	Lumbar	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 6-18]		
	[Lymphoma Malignant TGLs = 7-19]		
	[Lymphoma Malignant TGLs = 8-20]		
* Lymph Node, Mandibular		Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 5-17]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 9-21]		
* Nose	Respirat Epith	Hyperplasia	Minimal
* Ovary		Atrophy	Marked
		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 27

TRT#: 1

SEX: Female

DAY ON TEST: 691

DOSE: 0 mg/kg

DISP: Natural Death

HISTO: 1401476

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 1-13]		
* Thymus		Lymphoma Malignant	
* Thyroid Gland		Lymphoma Malignant	
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
Vagina		Inflammation	Acute, Mild

PRIMARY CAUSE OF DEATH - Spleen Lymphoma Malignant

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 29

TRT#: 1

SEX: Female

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401478

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
* Lymph Node, Mandibular	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Chronicprogr, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphocyte, Marked
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
* Ovary		Atrophy	Moderate
		Infiltration Cellular	Lymphocyte, Minimal
* Spleen		Lymphoma Malignant	
Vagina	Epithelium	Hyperplasia	Squamous, Moderate

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 30

TRT#: 1

SEX: Female

DAY ON TEST: 732

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401479

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
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone		Fibro-Osseous Lesion	Mild
* Harderian Gland		Hyperplasia	Marked
[Hyperplasia TGLs = 2-8A]			
* Heart	Valve	Degeneration	Myxomatous, Minimal
* Kidney		Nephropathy	Chronicprogr, Minimal
* Ovary	Follicle	Cyst	
[Cyst TGLs = 1-10]			
* Spleen		Hyperplasia	Lymphocyte, Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Vagina		Inflammation	Acute, Minimal

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 31

TRT#: 1

SEX: Female

DAY ON TEST: 733

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401480

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
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex	Bilateral	Vacuolation, Cytoplasmic	Focal, Moderate
* Kidney		Nephropathy	Chronicprogr, Minimal
* Liver		Angiectasis	Minimal
		Intrahepatocellular Erythrocytes	
* Lymph Node, Mesenteric		Hyperplasia	Lymphocyte, Mild
* Ovary	Follicle	Cyst	
[Cyst TGLs = 2-10]			
* Thyroid Gland	Follicular Cel	Carcinoma	
[Carcinoma TGLs = 1-4]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLs = 3-11+12]			
Vagina	Epithelium	Hyperplasia	Squamous, Moderate

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 32

TRT#: 1

SEX: Female

DAY ON TEST: 491

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 1401481

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	Peripheral Nerve
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	Vagina

OBSERVATIONS

* Liver		Necrosis	Minimal
* Nose	Respirat Epith	Hyperplasia	Minimal
Spinal Cord		Astrocytoma Malignant	

PRIMARY CAUSE OF DEATH - Spinal Cord Astrocytoma Malignant

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 33

TRT#: 1

SEX: Female

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401482

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	* Liver
* 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
* Uterus			

OBSERVATIONS

* Kidney		Nephropathy	Chronicprogr, Minimal
* Nose	Respirat Epith	Hyperplasia	Minimal
* Ovary		Atrophy	Moderate
Vagina	Epithelium	Hyperplasia	Squamous, Minimal

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 34

TRT#: 1

SEX: Female

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401483

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	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Liver		Clear Cell Focus	
	[Clear Cell Focus TGLs = 1-5]		
Mesentery		Inflammation	Granulomatous, Mild
	Fat	Necrosis	Mild
	[Necrosis TGLs = 3-14]		
* Ovary		Cyst	Epithelial
	[Cyst TGLs = 2-10]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Spleen		Pigment	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Vagina	Epithelium	Hyperplasia	Squamous, Mild
		Inflammation	Acute, Minimal

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 38

TRT#: 1

SEX: Female

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401487

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 | * 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

- | | | | |
|----------|--------------------------------|---|-------------------|
| * Lung | | Alveolar/Bronchiolar Adenoma
Infiltration Cellular | Histiocyte, Mild |
| | [Alveolar/Bronchiolar Adenoma | TGLs = 1-13]
Respirat Epith | Minimal |
| * Nose | | Accumulation, Hyaline Droplet | Moderate |
| * Ovary | | Atrophy | Cystic, Mild |
| * Uterus | | Endometrium | Squamous, Minimal |
| | Endometrium | Hyperplasia | |
| | [Hyperplasia TGLs = 2-11+12] | Metaplasia | |
| Vagina | | Hyperplasia | Squamous, Mild |
| | Epithelium | | |

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 39

TRT#: 1

SEX: Female

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401488

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone Marrow
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Skin
* Stomach, Forestomach	* Thymus	* Thyroid Gland	* Trachea

MISSING

* Parathyroid Gland

OBSERVATIONS

Aorta		Polyarteritis Nodosa	Mild
* Bone		Fibro-Osseous Lesion	Minimal
* Brain		Polyarteritis Nodosa	Mild
* Heart		Polyarteritis Nodosa	Mild
* Intestine Small, Duodenum		Polyarteritis Nodosa	Mild
* Kidney		Nephropathy	Chronicprogr, Mild
* Pituitary Gland	Pars Distalis	Hypertrophy	Minimal
* Salivary Glands		Polyarteritis Nodosa	Mild
* Spleen		Extramedullary Hematopoiesis	Increased
* Stomach, Glandular		Polyarteritis Nodosa	Mild
* Urinary Bladder		Polyarteritis Nodosa	
* Uterus		Inflammation	Acute, Mild
Vagina	Epithelium	Hyperplasia	Squamous, Mild
		Inflammation	Acute, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 41

TRT#: 1

SEX: Female

DAY ON TEST: 731

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401490

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Basophilic Focus	
		Hepatocellular Adenoma	Multiple
* Ovary		Atrophy	Marked
		Infiltration Cellular	Lymphocyte, Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Extramedullary Hematopoiesis	Increased
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	[Hyperplasia TGLs = 1-11+12]		
Vagina	Epithelium	Hyperplasia	Squamous, Mild
		Inflammation	Acute, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 42

TRT#: 1

SEX: Female

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401491

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 | * Kidney | * Lung |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland | * Parathyroid Gland |
| * Pituitary Gland | * Salivary Glands | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

OBSERVATIONS

- | | | | |
|----------------------|---------------------------------|-------------------------------|----------------|
| * Islets, Pancreatic | | Hyperplasia | Moderate |
| * Liver | | Basophilic Focus | |
| | [Basophilic Focus TGLs = 2-5] | | |
| * Nose | Respirat Epith | Accumulation, Hyaline Droplet | Minimal |
| * Ovary | | Atrophy | Marked |
| * Pancreas | Acinus | Atrophy | Moderate |
| * Spleen | | Extramedullary Hematopoiesis | Increased |
| * Uterus | Endometrium | Hyperplasia | Cystic, Mild |
| | | Polyp Stromal | |
| | [Hyperplasia TGLs = 1-11+12] | | |
| Vagina | Epithelium | Hyperplasia | Squamous, Mild |
| | | Inflammation | Acute, Minimal |

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 43

TRT#: 1

SEX: Female

DAY ON TEST: 579

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 1401492

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	Blood Vessel	* 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	* Mammary Gland
* Parathyroid Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	Vagina	

MISSING

* Pituitary Gland

OBSERVATIONS

* Adrenal Medulla		Rhabdomyosarcoma	Metastatic (Skeletal Muscle)
* Bone		Rhabdomyosarcoma	Metastatic (Skeletal Muscle)
Note: Direct invasion from hind limb skeletal muscle.			
* Bone Marrow		Hypercellularity	Mild
Note: Lesion slide 15 affected (femur).			
* Harderian Gland		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
* Lung		Rhabdomyosarcoma	Metastatic (Skeletal Muscle)
Lymph Node	Renal	Rhabdomyosarcoma	Metastatic (Skeletal Muscle)
	Mediastinal	Rhabdomyosarcoma	Metastatic (Skeletal Muscle)
Note: Neoplasm is more clearly seen in association with mediastinal lymph node capsule on slide 7.			
	[Rhabdomyosarcoma	TGLs = 1-13]	
	[Rhabdomyosarcoma	TGLs = 2-14]	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Mild
* Ovary		Atrophy	Mild
	Rete Ovarii	Cyst	
		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 43

TRT#: 1

SEX: Female

DAY ON TEST: 579

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 1401492

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands		Lymphoma Malignant	
Skeletal Muscle		Rhabdomyosarcoma	
	[Rhabdomyosarcoma TGLs = 3-15+16]		
* Spleen		Extramedullary Hematopoiesis	Increased
		Lymphoma Malignant	
* Thymus		Lymphoma Malignant	
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - Skeletal Muscle Rhabdomyosarcoma

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 44

TRT#: 1

SEX: Female

DAY ON TEST: 733

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401493

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
* 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		Osteosarcoma	
	[Osteosarcoma TGLs = 1-14]		
* Nose	Olfactory Epi	Metaplasia	Respiratory, Minimal
* Ovary		Atrophy	Minimal
* Stomach, Glandular		Mineral	
* Uterus		Granular Cell Tumor Benign	
	Endometrium	Hyperplasia	Cystic, Minimal
	Endometrium	Metaplasia	Squamous, Minimal
Vagina	Epithelium	Hyperplasia	Squamous, Moderate

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 45

TRT#: 1

SEX: Female

DAY ON TEST: 733

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401494

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	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Minimal
* Nose	Respirat Epith	Hyperplasia	Minimal
* Ovary		Atrophy	Moderate
		Cyst	Epithelial
	[Cyst TGLs = 3-10]		
* Spleen		Extramedullary Hematopoiesis	Increased
		Hyperplasia	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
	[Hyperplasia TGLs = 1-11+12+14]		
Vagina		Inflammation	Acute, Minimal

Animal Note: TGL 2 - NCL

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 46

TRT#: 1

SEX: Female

DAY ON TEST: 732

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401495

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	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Intestine Small, Jejunum [Hyperplasia TGLs = 7-6]	Peyers Patch	Hyperplasia	Lymphocyte, Moderate
* Liver [Hepatocellular Adenoma TGLs = 2-13]		Eosinophilic Focus Hepatocellular Adenoma	
* Lymph Node, Mesenteric [Lymphoma Malignant TGLs = 6-15]		Lymphoma Malignant	
Mesentery [Necrosis TGLs = 4-14]	Fat	Necrosis	Marked
* Nose	Respirat Epith Respirat Epith	Accumulation, Hyaline Droplet Hyperplasia	Minimal Minimal
* Ovary		Atrophy	Moderate
* Pituitary Gland [Adenoma TGLs = 5-7]	Pars Distalis	Adenoma	
* Spleen [Lymphoma Malignant TGLs = 3-5]		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia Inflammation	Cystic, Mild Acute, Minimal
Vagina	Epithelium	Hyperplasia	Squamous, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 48

TRT#: 1

SEX: Female

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401497

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	* Liver	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

OBSERVATIONS

* Adrenal Cortex	Bilateral	Vacuolation, Cytoplasmic	Focal, Mild
* Kidney		Nephropathy	Chronicprogr, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphocyte, Mild
* Nose	Respirat Epith	Hyperplasia	Minimal
	Olfactory Epi	Metaplasia	Respiratory, Minimal
* Pituitary Gland	Pars Distalis	Atypia Cellular	Minimal
	Pars Distalis	Hypertrophy	Minimal
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Vagina	Epithelium	Hyperplasia	Squamous, Minimal
		Inflammation	Acute, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 51

TRT#: 1

SEX: Female

DAY ON TEST: 732

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401500

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Gallbladder	* Parathyroid Gland
---------------	---------------------

OBSERVATIONS

* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Lymphocyte, Marked
* Liver		Basophilic Focus	
		Eosinophilic Focus	
	[Basophilic Focus TGLs = 3-13]		
	[Eosinophilic Focus TGLs = 2-13]		
* Nose	Respirat Epith	Hyperplasia	Minimal
* Ovary		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Spleen		Extramedullary Hematopoiesis	Increased
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
	[Hyperplasia TGLs = 1-11+12]		
Vagina		Inflammation	Acute, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 53

TRT#: 1

SEX: Female

DAY ON TEST: 491

DOSE: 0 mg/kg

DISP: Moribund Sacrifice

HISTO: 1401502

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 | * Ovary |
| * Pancreas | * Parathyroid Gland | Peripheral Nerve | * Pituitary Gland |
| * Salivary Glands | * Skin | * Spleen | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

OBSERVATIONS

- | | | | |
|-------------|--|--------------|-------------------------------------|
| * Kidney | | Nephropathy | Chronicprogr, Minimal |
| * Liver | | Osteosarcoma | Metastatic (Uncertain Primary Site) |
| | [Osteosarcoma TGLs = 6-5+6+16] | | |
| * Lung | | Osteosarcoma | Metastatic (Uncertain Primary Site) |
| | [Osteosarcoma TGLs = 1,2,3,4,5-4+13+14+15] | | |
| Lymph Node | Mediastinal | Osteosarcoma | Metastatic (Uncertain Primary Site) |
| | [Osteosarcoma TGLs = 7-16] | | |
| Spinal Cord | Axon | Degeneration | Minimal |
| | Note: lumbar spinal nerve. | | |
| * Uterus | | Inflammation | Acute, Minimal |
| Vagina | | Inflammation | Acute, Minimal |

PRIMARY CAUSE OF DEATH - Lung Osteosarcoma Uncertain Primary Site

* PROTOCOL REQUIRED TISSUE

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 55

TRT#: 1

SEX: Female

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401504

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	* Islets, Pancreatic	* Kidney
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Bone		Fibro-Osseous Lesion	Minimal
* Eye	Cornea	Inflammation	Chronic Active, Minimal
* Harderian Gland		Adenoma	
	[Adenoma TGLs = 4-17]		
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Lymphocyte, Mild
* Liver		Basophilic Focus	
	[Basophilic Focus TGLs = 3-16]	Eosinophilic Focus	
* Ovary		Atrophy	Marked
	[Thrombus TGLs = 2-15]	Thrombus	
* Pancreas	Acinar Cell	Vacuolation, Cytoplasmic	Minimal
* Spleen		Extramedullary Hematopoiesis	Increased
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
	[Hyperplasia TGLs = 1-14]		
Vagina	Epithelium	Hyperplasia	Squamous, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 56

TRT#: 1

SEX: Female

DAY ON TEST: 462

DOSE: 0 mg/kg

DISP: Natural Death

HISTO: 1401505

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	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Eye	Lens	Cataract	Minimal
* Liver		Hepatocellular Carcinoma	
	Note: Carcinoma also visible on slide 4. [Hepatocellular Carcinoma TGLs = 1-13]		
* Nose	Respirat Epith	Hyperplasia	Minimal
* Spleen	White Pulp	Atrophy	Minimal
		Extramedullary Hematopoiesis	Increased
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Vagina	Epithelium	Hyperplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Carcinoma

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 58

TRT#: 1

SEX: Female

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401507

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	* Kidney	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Brain	Medulla	Necrosis	Minimal
* Liver		Lymphoma Malignant	
* Lung	Alveolus, Epithelium	Hyperplasia	Minimal
Lymph Node	Pancreatic	Lymphoma Malignant	
[Lymphoma Malignant	TGLs = 4-16]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Ovary		Atrophy	Moderate
* Pancreas		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant	TGLs = 1,2-13+14]		
* Thymus		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia	TGLs = 3-11+12+15]		
Vagina	Epithelium	Hyperplasia	Squamous, Moderate

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 60

TRT#: 1

SEX: Female

DAY ON TEST: 516

DOSE: 0 mg/kg

DISP: Natural Death

HISTO: 1401509

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	* Islets, Pancreatic
* Kidney	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	Vagina

OBSERVATIONS

* Brain		Inflammation	Chronic Active, Minimal
* Heart	Valve	Inflammation	Acute, Marked
Note: Septic valvular endocarditis.			
* Intestine Small, Jejunum	Epithelium	Hyperplasia	Mild
[Hyperplasia TGLs = 1-13]			
* Kidney			
Note: Bacteria present in tubules.			
* Liver		Necrosis	Minimal
* Lung		Hemorrhage	Mild
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Inflammation	Acute, Minimal
* Ovary		Atrophy	Mild
* Spleen		Extramedullary Hematopoiesis	Increased
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - Heart Valve Inflammation

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 62

TRT#: 1

SEX: Female

DAY ON TEST: 729

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401511

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	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Liver		Tension Lipidosis	Mild
* Ovary		Atrophy	Moderate
	[Cystadenoma TGLs = 2-16]	Cystadenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
	[Hyperplasia TGLs = 1-11+12+15]		
Vagina	Epithelium	Hyperplasia	Squamous, Mild
		Inflammation	Acute, Minimal

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 63

TRT#: 1

SEX: Female

DAY ON TEST: 733

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401512

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
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone		Fibro-Osseous Lesion	Minimal
* Nose	Respirat Epith	Hyperplasia	Minimal
* Ovary		Atrophy	Marked
* Spleen		Extramedullary Hematopoiesis	Increased
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Vagina	Epithelium	Hyperplasia	Squamous, Mild
		Inflammation	Acute, Minimal

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 64

TRT#: 1

SEX: Female

DAY ON TEST: 723

DOSE: 0 mg/kg

DISP: Natural Death

HISTO: 1401513

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Ovary

OBSERVATIONS

* Bone		Fibro-Osseous Lesion	Mild
* Brain		Meningioma Malignant	
	[Meningioma Malignant TGLs = 4-2+3]		
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Chronicprogr, Minimal
* Liver	Bile Duct	Cyst	
	[Cyst TGLs = 2-14]		
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Atrophy	Minimal
* Stomach, Forestomach		Diverticulum	
	[Diverticulum TGLs = 3-15]		
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
	[Hyperplasia TGLs = 1-13]		
Vagina	Epithelium	Hyperplasia	Squamous, Mild

PRIMARY CAUSE OF DEATH - Brain Meningioma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 65

TRT#: 1

SEX: Female

DAY ON TEST: 733

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401514

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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
* Intestine Small, Jejunum	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Gallbladder

OBSERVATIONS

* Islets, Pancreatic		Hyperplasia	Moderate
* Kidney		Infarct	Chronic, Minimal
* Liver		Intrahepatocellular Erythrocytes	
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Metaplasia	Respiratory, Minimal
* Ovary		Atrophy	Moderate
* Pituitary Gland	Pars Intermed	Hyperplasia	Focal, Minimal
	Pars Distalis	Hyperplasia	Focal, Minimal
* Spleen		Extramedullary Hematopoiesis	Increased
		Hyperplasia	Lymphocyte, Moderate
Vagina	Epithelium	Hyperplasia	Squamous, Minimal
		Inflammation	Acute, Mild

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 66

TRT#: 1

SEX: Female

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401515

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Ovary
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	Vagina		

MISSING

* Gallbladder	* Parathyroid Gland
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OBSERVATIONS

* Lymph Node, Mesenteric		Infiltration Cellular	Plasma Cell, Mild
* Nose	Olfactory Epi	Metaplasia	Respiratory, Minimal
* Pancreas	Acinus	Atrophy	Mild
* Spleen		Extramedullary Hematopoiesis	Increased
		Hyperplasia	Lymphocyte, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Inflammation	Acute, Mild
	Cervix	Sarcoma	

Note: Microscopic appearance suggestive of fibrous histiocytoma.

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 67

TRT#: 1

SEX: Female

DAY ON TEST: 706

DOSE: 0 mg/kg

DISP: Natural Death

HISTO: 1401516

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lung	* Mammary Gland
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus	Vagina	

MISSING

* Gallbladder

OBSERVATIONS

* Kidney		Lymphoma Malignant	
* Liver		Fatty Change	Minimal
		Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 3-5]		
* Lymph Node, Mandibular		Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 1-13]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 4-15]		
* Nose	Respirat Epith	Inflammation	Chronic Active, Minimal
* Ovary		Atrophy	Marked
* Pancreas		Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 5-6]		
* Spleen		Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 2-14]		
* Thymus		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH - Spleen Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 68

TRT#: 1

SEX: Female

DAY ON TEST: 731

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401517

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	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone		Fibro-Osseous Lesion	Minimal
* Liver		Eosinophilic Focus	
		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLs = 1-15]		
* Lymph Node, Mesenteric		Hyperplasia	Lymphocyte, Mild
* Ovary		Cystadenoma	
	Germinal Epith	Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Vagina	Epithelium	Hyperplasia	Squamous, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 70

TRT#: 1

SEX: Female

DAY ON TEST: 730

DOSE: 0 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401519

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	* 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

* Adrenal Medulla		Hyperplasia	Focal, Minimal
* Kidney		Infarct	Chronic, Minimal
* Liver		Clear Cell Focus	
* Nose	Respirat Epith	Inflammation	Acute, Minimal
* Ovary		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLs = 1-11+12]			
Vagina	Epithelium	Hyperplasia	Squamous, Moderate

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 71

TRT#: 2

SEX: Female

DAY ON TEST: 600

DOSE: 30 mg/kg

DISP: Natural Death

HISTO: 1401520

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	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Thymus
* Thyroid Gland	* Trachea		

OBSERVATIONS

* Adrenal Cortex	Lymphoma Malignant	
* Bone Marrow	Lymphoma Malignant	
* Kidney	Lymphoma Malignant	
* Liver	Lymphoma Malignant	
* Lung	Lymphoma Malignant	
* Lymph Node, Mandibular	Lymphoma Malignant	
* Nose	Lymphoma Malignant	
* Ovary	Atrophy	Marked
	Lymphoma Malignant	
* Salivary Glands	Lymphoma Malignant	
* Spleen	Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 1-13]	
* Stomach, Forestomach	Lymphoma Malignant	
* Stomach, Glandular	Lymphoma Malignant	
* Urinary Bladder	Lymphoma Malignant	
* Uterus	Lymphoma Malignant	
Vagina	Lymphoma Malignant	

PRIMARY CAUSE OF DEATH - Liver Lymphoma Malignant

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 72

TRT#: 2

SEX: Female

DAY ON TEST: 727

DOSE: 30 mg/kg

DISP: Natural Death

HISTO: 1401521

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

Blood Vessel

OBSERVATIONS

* Liver		Hepatocellular Adenoma	
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
* Ovary		Atrophy	Marked
	[Hemangiosarcoma TGLs = 1-13]	Hemangiosarcoma	
* Spleen	White Pulp	Atrophy	Marked
		Extramedullary Hematopoiesis	Increased
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Vagina	Epithelium	Hyperplasia	Squamous, Minimal
		Inflammation	Acute, Minimal

PRIMARY CAUSE OF DEATH - Ovary Hemangiosarcoma

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 73

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 30 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401522

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|----------------------------|---------------------------|-----------------------------|
| * Adrenal Medulla | * 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 |
| * Liver | * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland |
| * Nose | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Salivary Glands | * Skin | * Stomach, Forestomach | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |
| * Uterus | | | |

OBSERVATIONS

- | | | | |
|--|------------|------------------------------|---------------------|
| * Adrenal Cortex | | Infiltration Cellular | Lymphocyte, Mild |
| Blood Vessel | | Infiltration Cellular | Lymphocyte, Mild |
| * Eye | | Phthisis Bulbi | |
| * Harderian Gland | | Adenoma | |
| [Adenoma TGLs = 4-8] | | | |
| * Lung | | Alveolar/Bronchiolar Adenoma | |
| [Alveolar/Bronchiolar Adenoma TGLs = 3-13] | | Infiltration Cellular | Lymphocyte, Minimal |
| * Ovary | | Atrophy | Marked |
| * Spleen | | Extramedullary Hematopoiesis | Increased |
| Vagina | Epithelium | Hyperplasia | Squamous, Minimal |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 74

TRT#: 2

SEX: Female

DAY ON TEST: 624

DOSE: 30 mg/kg

DISP: Natural Death

HISTO: 1401523

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

MISSING

Blood Vessel

OBSERVATIONS

* Bone Marrow		Hypercellularity	Mild
* Intestine Small, Jejunum		Lymphoma Malignant	
[Lymphoma Malignant	TGLs = 9-20]		
* Liver		Lymphoma Malignant	
[Lymphoma Malignant	TGLs = 2,3,4,5-13+14+15+16]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant	TGLs = 7-18]		
* Ovary		Atrophy	Moderate
[Lymphoma Malignant	TGLs = 1-10]	Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant	TGLs = 10-21]		
* Thymus		Lymphoma Malignant	
[Lymphoma Malignant	TGLs = 8-19]		
Vagina		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH

- Liver Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 75

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: 30 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401524

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
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Spleen		Hyperplasia	Lymphocyte, Mild
* Uterus		Adenomyosis	Mild
	Endometrium	Hyperplasia	Cystic, Marked
	[Hyperplasia TGLs = 1-11+12+13]		
Vagina	Epithelium	Hyperplasia	Squamous, Moderate

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 77

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: 30 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401526

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 |
| * Lymph Node, Mandibular | * Lymph Node, Mesenteric | * Mammary Gland | * Pancreas |
| * Salivary Glands | * Skin | * Spleen | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

MISSING

- * Parathyroid Gland

OBSERVATIONS

- | | | | |
|--------------------------------|----------------|----------------|--------------------|
| * Heart | | Cardiomyopathy | Minimal |
| * Kidney | | Nephropathy | Chronicprogr, Mild |
| * Nose | Respirat Epith | Hyperplasia | Minimal |
| * Ovary | | Atrophy | Moderate |
| | | Cyst | Epithelial |
| | | Thrombus | |
| [Cyst TGLs = 1-13] | | | |
| * Pituitary Gland | Pars Distalis | Hyperplasia | Focal, Minimal |
| * Uterus | Endometrium | Hyperplasia | Cystic, Moderate |
| [Hyperplasia TGLs = 2-11+12] | | | |
| Vagina | Epithelium | Hyperplasia | Squamous, Mild |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 79

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: 30 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401528

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	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Kidney		Nephropathy	Chronicprogr, Minimal
* Ovary		Atrophy	Moderate
* Pancreas	Acinus	Atrophy	Mild
		Infiltration Cellular	Adipocyte, Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Vagina	Epithelium	Hyperplasia	Squamous, Moderate

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 80

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: 30 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401529

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	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Liver		Inflammation	Chronic Active, Minimal
* Nose	Olfactory Epi	Metaplasia	Respiratory, Minimal
* Ovary		Cystadenoma	
* Spleen		Extramedullary Hematopoiesis	Increased
		Hyperplasia	Lymphocyte, Mild
Vagina	Epithelium	Hyperplasia	Squamous, Minimal

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 81

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 30 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401530

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, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Liver		Tension Lipidosis	Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphocyte, Mild
* Nose	Respirat Epith	Hyperplasia	Minimal
	Olfactory Epi	Metaplasia	Respiratory, Minimal
* Ovary		Atrophy	Moderate
* Spleen		Hyperplasia	Lymphocyte, Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Vagina	Epithelium	Hyperplasia	Squamous, Marked

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 82

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 30 mg/kg

DISP: Natural Death

HISTO: 1401531

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	* Kidney	* Liver
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea

OBSERVATIONS

* Heart		Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 1-13]		
* Lung		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Ovary		Atrophy	Moderate
Skeletal Muscle		Lymphoma Malignant	
Note: Retro-orbital Space			
* Spleen		Lymphoma Malignant	
* Thymus		Lymphoma Malignant	
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Lymphoma Malignant	
	[Hyperplasia TGLs = 2-11+12]		
Vagina	Epithelium	Hyperplasia	Squamous, Mild

PRIMARY CAUSE OF DEATH - Heart Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 83

TRT#: 2

SEX: Female

DAY ON TEST: 733

DOSE: 30 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401532

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	* Lymph Node, Mesenteric	* Mammary Gland	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Lymphocyte, Mild
* Liver		Eosinophilic Focus	
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
* Ovary		Atrophy	Marked
* Pancreas	Acinus	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLs = 1-11+12]			
Vagina	Epithelium	Hyperplasia	Cystic, Mild

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 84

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 30 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401533

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	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	Vagina	

MISSING

* Clitoral Gland

OBSERVATIONS

* Kidney		Nephropathy	Chronicprogr, Minimal
* Liver		Basophilic Focus	
* Ovary		Atrophy	Marked
* Spleen		Extramedullary Hematopoiesis	Increased
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 86

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: 30 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401535

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	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Pituitary Gland

OBSERVATIONS

* Nose	Respirat Epith	Hyperplasia	Minimal
* Ovary		Cyst	Epithelial, Multiple
[Cyst TGLs = 1-13]			
* Spleen		Hyperplasia	Lymphocyte, Mild
Vagina	Epithelium	Hyperplasia	Squamous, Mild

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 87

TRT#: 2

SEX: Female

DAY ON TEST: 733

DOSE: 30 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401536

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	* Kidney	* Lung
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Liver		Intrahepatocellular Erythrocytes	
* Lymph Node, Mandibular		Pigment	Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphocyte, Mild
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
* Ovary		Atrophy	Marked
* Spleen		Hyperplasia	Lymphocyte, Minimal
* Stomach, Glandular	Epithelium	Hyperplasia	Moderate
Note: At limiting ridge.			
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLs = 1-12+14]			
Vagina	Epithelium	Hyperplasia	Squamous, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 88

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 30 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401537

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	* Liver	* Lung
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone		Fibro-Osseous Lesion	Minimal
* Kidney		Nephropathy	Chronicprogr, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphocyte, Marked
* Lymph Node, Mesenteric		Hyperplasia	Lymphocyte, Moderate
* Nose	Respirat Epith	Hyperplasia	Minimal
* Ovary		Atrophy	Marked
* Spleen		Extramedullary Hematopoiesis	Increased
		Hyperplasia	Lymphocyte, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLs = 1-11+12]			
Vagina	Epithelium	Hyperplasia	Squamous, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 90

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 30 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401539

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	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLs = 3-14]		
* Nose		Metaplasia	Respiratory, Minimal
* Ovary		Cyst	Epithelial
	[Cyst TGLs = 1-13]		
* Salivary Glands		Atrophy	Moderate
* Spleen		Extramedullary Hematopoiesis	Increased
* Uterus		Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLs = 2-11+12]		
Vagina		Hyperplasia	Squamous, Mild

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 93

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 30 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401542

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	* Kidney	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Brain		Infiltration Cellular	Lymphocyte, Minimal
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLs = 2-13]		
* Lymph Node, Mandibular		Hyperplasia	Lymphocyte, Marked
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Metaplasia	Respiratory, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Spleen		Pigment	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
	[Hyperplasia TGLs = 1-11+12]		
Vagina	Epithelium	Hyperplasia	Squamous, Minimal
		Inflammation	Acute, Minimal

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 95

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: 30 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401544

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 | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

OBSERVATIONS

- | | | | |
|--------------------------------|----------------|-------------------------------|---------------------|
| * Kidney | | Infarct | Chronic, Minimal |
| * Liver | | Eosinophilic Focus | |
| * Nose | Respirat Epith | Accumulation, Hyaline Droplet | Minimal |
| * Ovary | | Atrophy | Moderate |
| * Spleen | | Hyperplasia | Lymphocyte, Minimal |
| * Uterus | Endometrium | Hyperplasia | Cystic, Mild |
| [Hyperplasia TGLs = 1-11+12] | | | |
| Vagina | Epithelium | Hyperplasia | Squamous, Moderate |

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 98

TRT#: 2

SEX: Female

DAY ON TEST: 570

DOSE: 30 mg/kg

DISP: Natural Death

HISTO: 1401547

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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	Vagina

MISSING

* Thymus

OBSERVATIONS

* Lung	[Alveolar/Bronchiolar Adenoma	TGLs = 1-4]	Alveolar/Bronchiolar Adenoma	
* Nose	Respirat Epith	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
* Ovary			Hyperplasia	Minimal
* Stomach, Forestomach			Atrophy	Mild
	[Ulcer	TGLs = 2-13]	Ulcer	Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 100

TRT#: 2

SEX: Female

DAY ON TEST: 728

DOSE: 30 mg/kg

DISP: Natural Death

HISTO: 1401549

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, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Liver		Eosinophilic Focus	
* Lung		Hemangiosarcoma	Metastatic (Uterus)
		Hemorrhage	Moderate
		Pigment	Minimal
	[Hemangiosarcoma TGLs = 3,4-4]		
	[Hemorrhage TGLs = 2-4]		
* Lymph Node, Mandibular		Atrophy	Moderate
* Nose	Respirat Epith	Hyperplasia	Minimal
* Ovary		Atrophy	Marked
	Follicle	Cyst	
* Spleen	White Pulp	Atrophy	Moderate
		Extramedullary Hematopoiesis	Increased
* Uterus		Hemangiosarcoma	
	Endometrium	Hyperplasia	Cystic, Minimal
	[Hemangiosarcoma TGLs = 1-11+12]		
Vagina	Epithelium	Hyperplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH - Uterus Hemangiosarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 103

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: 30 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401552

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	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLs = 1-11+12]			
Vagina	Epithelium	Hyperplasia Inflammation	Squamous, Minimal Acute, Minimal

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 104

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: 30 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401553

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
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Brain		Lipoma	
* Kidney		Infarct	Chronic, Mild
* Liver		Eosinophilic Focus	
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
* Ovary		Atrophy	Marked
* Uterus		Dilation	Mild
[Dilation TGLs = 1-12]			
Vagina	Epithelium	Hyperplasia	Squamous, Minimal

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 106

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: 30 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401555

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	* 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
* Uterus			

OBSERVATIONS

* Lung	Alveolus, Epithelium	Hyperplasia	Minimal
* Nose	Respirat Epith	Hyperplasia	Minimal
* Ovary		Atrophy	Marked
Vagina	Epithelium	Hyperplasia	Squamous, Mild

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 107

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: 30 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401556

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	* Kidney	* Liver	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Eye		Phthisis Bulbi	
	[Phthisis Bulbi TGLs = 2-14]		
* Harderian Gland		Adenoma	
	[Adenoma TGLs = 1-13]		
* Lymph Node, Mesenteric		Hyperplasia	Lymphocyte, Mild
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Hyperplasia	Minimal
* Ovary		Atrophy	Mild
* Spleen		Extramedullary Hematopoiesis	Increased
* Thyroid Gland		Infiltration Cellular	Lymphocyte, Minimal
Vagina	Epithelium	Hyperplasia	Squamous, Moderate

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 108

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 30 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401557

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, Mesenteric | * Mammary Gland | * Nose | * Pancreas |
| * Parathyroid Gland | * Pituitary Gland | * Salivary Glands | * Skin |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

OBSERVATIONS

- | | | | |
|----------------------------|--|------------------------------|--------------------|
| * Intestine Small, Jejunum | Peyers Patch | Hyperplasia | Lymphocyte, Mild |
| * Liver | | Hepatocellular Carcinoma | |
| | [Hepatocellular Carcinoma TGLs = 1-13] | | |
| * Lymph Node, Mandibular | | Pigment | Minimal |
| * Ovary | | Atrophy | Marked |
| * Spleen | | Extramedullary Hematopoiesis | Increased |
| * Stomach, Forestomach | Epithelium | Hyperplasia | Focal, Minimal |
| * Uterus | Endometrium | Hyperplasia | Cystic, Minimal |
| | [Hyperplasia TGLs = 2-11+12] | | |
| Vagina | Epithelium | Hyperplasia | Squamous, Moderate |
| | | Inflammation | Acute, Minimal |

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 109

TRT#: 2

SEX: Female

DAY ON TEST: 733

DOSE: 30 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401558

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	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Nose	Respirat Epith	Hyperplasia	Minimal
* Ovary	Follicle	Cyst	
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Vagina	Epithelium	Hyperplasia	Squamous, Mild

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 111

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: 30 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401560

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	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Kidney		Nephropathy	Chronicprogr, Minimal
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
* Ovary		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Hyperplasia	Lymphocyte, Mild
Vagina	Epithelium	Hyperplasia	Squamous, Minimal
		Inflammation	Acute, Minimal

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 114

TRT#: 2

SEX: Female

DAY ON TEST: 540

DOSE: 30 mg/kg

DISP: Natural Death

HISTO: 1401563

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	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	Vagina		

OBSERVATIONS

* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Mild
* Liver		Histiocytic Sarcoma	
	[Histiocytic Sarcoma TGLs = 2,3, 4,5,6,8-4+14+15+16+17]		
* Lung		Histiocytic Sarcoma	
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
Mesentery		Histiocytic Sarcoma	
* Ovary		Histiocytic Sarcoma	
	[Histiocytic Sarcoma TGLs = 7-10]		
* Spleen	White Pulp	Atrophy	Marked
		Extramedullary Hematopoiesis	Increased
Tooth		Histiocytic Sarcoma	
* Uterus		Histiocytic Sarcoma	
	[Histiocytic Sarcoma TGLs = 1-13]		

PRIMARY CAUSE OF DEATH - Liver Histiocytic Sarcoma

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 115

TRT#: 2

SEX: Female

DAY ON TEST: 721

DOSE: 30 mg/kg

DISP: Natural Death

HISTO: 1401564

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* Mammary Gland	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
Vagina			

MISSING

* Lymph Node, Mesenteric

OBSERVATIONS

* Adrenal Cortex		Histiocytic Sarcoma	
* Bone Marrow		Histiocytic Sarcoma	
* Heart		Cardiomyopathy	Mild
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Moderate
	[Histiocytic Sarcoma TGLs = 4-5+14]	Histiocytic Sarcoma	
* Liver		Histiocytic Sarcoma	
	[Histiocytic Sarcoma TGLs = 3-13]		
* Lung		Histiocytic Sarcoma	
Lymph Node	Lumbar	Histiocytic Sarcoma	
	Renal	Histiocytic Sarcoma	
	[Histiocytic Sarcoma TGLs = 5-15]		
	[Histiocytic Sarcoma TGLs = 6-16]		
* Nose		Histiocytic Sarcoma	
* Ovary		Histiocytic Sarcoma	
	[Histiocytic Sarcoma TGLs = 2-10]		
* Pancreas		Histiocytic Sarcoma	
* Spleen	White Pulp	Atrophy	Marked
		Extramedullary Hematopoiesis	Increased

* PROTOCOL REQUIRED TISSUE

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 115

TRT#: 2

SEX: Female

DAY ON TEST: 721

DOSE: 30 mg/kg

DISP: Natural Death

HISTO: 1401564

ORGAN AND ACCOUNTABLE SITE STATUS

Tooth
* Uterus

Histiocytic Sarcoma
Histiocytic Sarcoma

[Histiocytic Sarcoma TGLs = 1-11+12]

PRIMARY CAUSE OF DEATH

- Kidney Histiocytic Sarcoma

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 116

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: 30 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401565

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	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLs = 1-13]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Nose	Olfactory Epi	Metaplasia	Respiratory, Minimal
* Ovary		Atrophy	Marked
* Spleen		Extramedullary Hematopoiesis	Increased
		Hyperplasia	Lymphocyte, Mild
* Thyroid Gland	Follicle	Dilation	Mild
Vagina	Epithelium	Hyperplasia	Squamous, Mild

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 117

TRT#: 2

SEX: Female

DAY ON TEST: 733

DOSE: 30 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401566

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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Intestine Small, Jejunum		Lymphoma Malignant	
* Kidney		Infiltration Cellular	Lymphocyte, Mild
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLs = 2-14A]		
* Lung		Infiltration Cellular	Lymphocyte, Moderate
* Ovary		Atrophy	Marked
* Skin		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Extramedullary Hematopoiesis	Increased
		Hyperplasia	Lymphocyte, Moderate
	[Extramedullary Hematopoiesis TGLs = 1-13]		
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Vagina	Epithelium	Hyperplasia	Squamous, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 118

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 30 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401567

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	* Liver
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Lymphocyte, Moderate
* Lymph Node, Mesenteric		Hyperplasia	Lymphocyte, Mild
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Hyperplasia	Minimal
* Ovary		Atrophy	Marked
* Spleen		Hyperplasia	Lymphocyte, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Focal, Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Vagina	Epithelium	Hyperplasia	Squamous, Minimal

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 120

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: 30 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401569

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
* Uterus			

OBSERVATIONS

* Liver		Clear Cell Focus	
* Nose	Respirat Epith	Hyperplasia	Minimal
	Respirat Epith	Inflammation	Acute, Minimal
* Ovary		Atrophy	Marked
	Interstit Cell	Hyperplasia	Mild
Vagina	Epithelium	Hyperplasia	Squamous, Minimal

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 121

TRT#: 2

SEX: Female

DAY ON TEST: 733

DOSE: 30 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401570

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	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder		

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Liver		Hepatocellular Adenoma	
		Tension Lipidosis	Minimal
	[Hepatocellular Adenoma TGLs = 2-13]		
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Ovary		Atrophy	Moderate
* Spleen		Hyperplasia	Lymphocyte, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLs = 1-11+12]		
Vagina	Epithelium	Hyperplasia	Squamous, Mild

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 122

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 30 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401571

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	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Hyperplasia	Minimal
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Hypertrophy	Minimal
* Spleen		Extramedullary Hematopoiesis	Increased
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Vagina	Epithelium	Hyperplasia	Squamous, Moderate

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 123

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 30 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401572

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 | * Stomach, Glandular | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

OBSERVATIONS

- | | | | |
|----------|--|--------------------------|-----------------------|
| * Kidney | | Nephropathy | Chronicprogr, Minimal |
| * Liver | | Hepatocellular Carcinoma | |
| | [Hepatocellular Carcinoma TGLs = 1-13] | | |
| * Nose | Respirat Epith | Hyperplasia | Minimal |
| * Ovary | | Atrophy | Minimal |
| * Spleen | | Lymphoma Malignant | |
| * Thymus | | Lymphoma Malignant | |
| * Uterus | Endometrium | Angiectasis | Mild |
| | | Hyperplasia | Cystic, Marked |
| | [Hyperplasia TGLs = 2-12+14] | | |
| Vagina | | Inflammation | Acute, Minimal |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 124

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 30 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401573

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	* Liver
* Lymph Node, Mandibular	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus	Vagina	

OBSERVATIONS

* Kidney		Nephropathy	Chronicprogr, Minimal
* Lung	Alveolus, Epithelium	Hyperplasia	Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphocyte, Moderate
* Nose	Respirat Epith	Hyperplasia	Minimal
* Ovary		Atrophy	Moderate
* Spleen		Hyperplasia	Lymphocyte, Marked

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 125

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 30 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401574

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	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Lymphocyte, Moderate
* Ovary		Cystadenoma	
* Spleen		Hyperplasia	Lymphocyte, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Vagina	Epithelium	Hyperplasia	Squamous, Minimal

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 126

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: 30 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401575

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	* Liver	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Brain		Infiltration Cellular	Lymphocyte, Mild
* Kidney	Glomerulus	Cyst	
		Infiltration Cellular	Lymphocyte, Mild
		Nephropathy	Chronicprogr, Mild
	[Cyst TGLs = 2-13]		
* Lymph Node, Mesenteric		Hyperplasia	Lymphocyte, Mild
* Ovary		Atrophy	Mild
* Spleen		Extramedullary Hematopoiesis	Increased
		Hyperplasia	Lymphocyte, Moderate
Tooth		Necrosis	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLs = 1-11+12]		
Vagina	Epithelium	Hyperplasia	Squamous, Mild

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 127

TRT#: 2

SEX: Female

DAY ON TEST: 733

DOSE: 30 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401576

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	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Kidney		Nephropathy	Chronicprogr, Minimal
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLs = 2-13]		
* Nose	Olfactory Epi	Metaplasia	Respiratory, Minimal
* Ovary		Atrophy	Moderate
		Cystadenoma	
* Spleen		Extramedullary Hematopoiesis	Increased
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Vagina	Epithelium	Hyperplasia	Squamous, Mild

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 128

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 30 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401577

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
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone		Fibro-Osseous Lesion	Minimal
* Liver		Eosinophilic Focus	
	[Eosinophilic Focus TGLs = 3-14]		
* Nose	Respirat Epith	Hyperplasia	Minimal
* Ovary		Atrophy	Marked
	Follicle	Cyst	
	[Cyst TGLs = 1-13]		
* Spleen		Hyperplasia	Lymphocyte, Moderate
* Uterus		Angiectasis	Mild
	Endometrium	Hyperplasia	Cystic, Minimal
Vagina	Epithelium	Hyperplasia	Squamous, Mild

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 129

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 30 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401578

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	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Ovary		Atrophy	Marked
* Spleen		Extramedullary Hematopoiesis	Increased
* Stomach, Glandular		Mineral	
Vagina	Epithelium	Hyperplasia	Squamous, Minimal

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 130

TRT#: 2

SEX: Female

DAY ON TEST: 688

DOSE: 30 mg/kg

DISP: Natural Death

HISTO: 1401579

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	* Lung	* Mammary Gland
* Nose	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	Vagina

MISSING

* Thymus

INSUFFICIENT TISSUE

* Lymph Node, Mandibular

OBSERVATIONS

* Heart	Cardiomyopathy	Minimal
* Kidney	Nephropathy	Chronicprogr, Minimal
* Liver	Hepatocellular Carcinoma	
	Lymphoma Malignant	
[Hepatocellular Carcinoma TGLs = 2-14]		
* Lymph Node, Mesenteric	Lymphoma Malignant	
[Lymphoma Malignant TGLs = 3-15]		
* Ovary	Atrophy	Moderate
	Cyst	Epithelial
* Pancreas	Lymphoma Malignant	
* Spleen	Lymphoma Malignant	
[Lymphoma Malignant TGLs = 1-13]		

PRIMARY CAUSE OF DEATH

- Liver Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 131

TRT#: 2

SEX: Female

DAY ON TEST: 732

DOSE: 30 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401580

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* 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	* Lymph Node, Mandibular
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Hypercellularity	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Minimal
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Mammary Gland	Epithelium	Hyperplasia	Mild
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Marked
* Skin		Fibrosarcoma	
	[Fibrosarcoma TGLs = 1-13]		
* Spleen		Extramedullary Hematopoiesis	Increased
		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Vagina	Epithelium	Hyperplasia	Squamous, Moderate

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 133

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: 30 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401582

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	* Liver	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone		Fibro-Osseous Lesion	Marked
* Kidney		Nephropathy	Chronicprogr, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphocyte, Mild
* Ovary		Cyst	Epithelial, Multiple
[Cyst TGLs = 1-13]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Spleen		Hyperplasia	Lymphocyte, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
Vagina	Epithelium	Hyperplasia	Squamous, Minimal

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 134

TRT#: 2

SEX: Female

DAY ON TEST: 658

DOSE: 30 mg/kg

DISP: Moribund Sacrifice

HISTO: 1401583

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	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus
Vagina			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Liver		Hemangiosarcoma	
	[Hemangiosarcoma TGLs = 1-13]		
* Nose	Respirat Epith	Hyperplasia	Minimal
* Ovary		Atrophy	Marked

PRIMARY CAUSE OF DEATH - Liver Hemangiosarcoma

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 137

TRT#: 2

SEX: Female

DAY ON TEST: 724

DOSE: 30 mg/kg

DISP: Moribund Sacrifice

HISTO: 1401586

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	* Liver	* Lung	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	Vagina	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Eye	Antr Chamber Ciliary Body Cornea	Inflammation Inflammation Inflammation	Acute, Mild Acute, Mild Acute, Mild
* Harderian Gland [Adenoma TGLs = 2-14]		Adenoma	
* Kidney		Nephropathy	Chronicprogr, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphocyte, Moderate
* Nose	Respirat Epith Olfactory Epi	Hyperplasia Metaplasia	Minimal Respiratory, Minimal
* Ovary		Atrophy	Marked
* Pituitary Gland	Follicle	Cyst	Multiple
Skeletal Muscle	Pars Distalis	Hyperplasia	Focal, Minimal
Note: Present on the head (TGL) and also in the trachea/thyroid section. [Rhabdomyosarcoma TGLs = 1-13]			
* Spleen		Extramedullary Hematopoiesis	Increased
		Pigment	Minimal
* Uterus	Endometrium	Hyperplasia Inflammation	Cystic, Mild Acute, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 137

TRT#: 2

SEX: Female

DAY ON TEST: 724

DOSE: 30 mg/kg

DISP: Moribund Sacrifice

HISTO: 1401586

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

- Skeletal Muscle Rhabdomyosarcoma

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 138

TRT#: 2

SEX: Female

DAY ON TEST: 733

DOSE: 30 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401587

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	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Thymus

OBSERVATIONS

* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLs = 1-13]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLs = 2-14]		
* Lymph Node, Mesenteric		Hyperplasia	Lymphocyte, Minimal
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Mild
* Ovary		Atrophy	Marked
* Spleen		Extramedullary Hematopoiesis	Increased
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Vagina	Epithelium	Hyperplasia	Squamous, Mild

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 139

TRT#: 2

SEX: Female

DAY ON TEST: 730

DOSE: 30 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401588

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	* Liver	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Lymphocyte, Minimal
* Kidney		Nephropathy	Chronicprogr, Minimal
* Lymph Node, Mesenteric		Extramedullary Hematopoiesis	Mild
		Hyperplasia	Lymphocyte, Mild
Mesentery	Fat	Necrosis	Mild
[Necrosis TGLs = 1-13]			
* Nose	Respirat Epith	Hyperplasia	Minimal
* Ovary		Cyst	Epithelial
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
Vagina	Epithelium	Hyperplasia	Squamous, Minimal

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 140

TRT#: 2

SEX: Female

DAY ON TEST: 729

DOSE: 30 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401589

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	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney		Nephropathy	Chronicprogr, Minimal
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLs = 1-13]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLs = 3-14]		
* Lymph Node, Mesenteric		Hyperplasia	Lymphocyte, Marked
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Hyperplasia	Minimal
* Ovary		Atrophy	Marked
* Spleen		Extramedullary Hematopoiesis	Increased
		Hyperplasia	Lymphocyte, Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	[Hyperplasia TGLs = 2-11+12]		
Vagina	Epithelium	Hyperplasia	Squamous, Mild

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 141

TRT#: 3

SEX: Female

DAY ON TEST: 730

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401590

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	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Kidney		Nephropathy	Chronicprogr, Minimal
* Liver		Clear Cell Focus	
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Hyperplasia	Minimal
* Spleen		Extramedullary Hematopoiesis	Increased
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Vagina	Epithelium	Hyperplasia	Squamous, Moderate

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 143

TRT#: 3

SEX: Female

DAY ON TEST: 729

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401592

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	* Mammary Gland	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Harderian Gland		Hyperplasia	Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphocyte, Mild
* Nose	Respirat Epith	Hyperplasia	Minimal
* Ovary		Atrophy	Mild
* Pancreas	Acinus	Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLs = 1-11+12]			
Vagina	Epithelium	Hyperplasia	Squamous, Mild

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 145

TRT#: 3

SEX: Female

DAY ON TEST: 675

DOSE: 100 mg/kg

DISP: Natural Death

HISTO: 1401594

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	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

INSUFFICIENT TISSUE

Vagina

OBSERVATIONS

* Lymph Node, Mesenteric	Atrophy	Mild
* Ovary	Atrophy	Marked

PRIMARY CAUSE OF DEATH

- UNCERTAIN

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 146

TRT#: 3

SEX: Female

DAY ON TEST: 732

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401595

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	* Kidney	* Liver
* Lymph Node, Mandibular	* Mammary Gland	* Pancreas	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	Vagina

MISSING

* Parathyroid Gland

OBSERVATIONS

* Brain		Hydrocephalus	
* Lung	Alveolus, Epithelium	Hyperplasia	Minimal
* Lymph Node, Mesenteric		Plasma Cell Tumor Benign	
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Mild
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 2-13]		
* Thyroid Gland	Follicle	Dilation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
	[Hyperplasia TGLs = 1-11+12]		

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 147

TRT#: 3

SEX: Female

DAY ON TEST: 732

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401596

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
* Islets, Pancreatic	* Kidney	* Lung	* Lymph Node, Mandibular
* 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		Hyperplasia	Mild
* Intestine Small, Jejunum	Epithelium	Hyperplasia	Mild
	[Hyperplasia TGLs = 5-16]		
* Liver		Mixed Cell Focus	
	[Mixed Cell Focus TGLs = 2,3-13+14I]		
Lymph Node	Lumbar	Angiectasis	Moderate
	[Angiectasis TGLs = 4-15]		
* Lymph Node, Mesenteric		Hyperplasia	Lymphocyte, Marked
* Ovary	Follicle	Atrophy	Mild
	Endometrium	Cyst	
* Uterus		Hyperplasia	Cystic, Marked
	[Hyperplasia TGLs = 1-11+12]		
Vagina	Epithelium	Hyperplasia	Squamous, Mild
		Inflammation	Acute, Mild

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 148

TRT#: 3

SEX: Female

DAY ON TEST: 731

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401597

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, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Lymph Node, Mandibular		Hyperplasia	Lymphocyte, Mild
* Ovary		Atrophy	Mild
* Spleen		Hyperplasia	Lymphocyte, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Vagina	Epithelium	Hyperplasia	Squamous, Mild

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 149

TRT#: 3

SEX: Female

DAY ON TEST: 690

DOSE: 100 mg/kg

DISP: Natural Death

HISTO: 1401598

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* 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	* Nose	* Parathyroid Gland	* Pituitary Gland
* Skin	* Stomach, Glandular	* Thyroid Gland	* Trachea
Vagina			

OBSERVATIONS

* Bone Marrow		Lymphoma Malignant	
* Brain		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
Lymph Node	Renal	Lymphoma Malignant	
	Inguinal	Lymphoma Malignant	
	Axillary	Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 3-15]		
	[Lymphoma Malignant TGLs = 4-16]		
	[Lymphoma Malignant TGLs = 5-17]		
* Lymph Node, Mandibular		Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 1-13]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 2-14]		
* Mammary Gland		Lymphoma Malignant	
* Ovary		Atrophy	Mild
		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Salivary Glands		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 6-5]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 149

TRT#: 3

SEX: Female

DAY ON TEST: 690

DOSE: 100 mg/kg

DISP: Natural Death

HISTO: 1401598

ORGAN AND ACCOUNTABLE SITE STATUS

* Stomach, Forestomach	Epithelium	Hyperplasia	Focal, Minimal
* Thymus		Lymphoma Malignant	
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH - Liver Lymphoma Malignant

CONTRIBUTORY CAUSE OF DEATH - Spleen Lymphoma Malignant

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 152

TRT#: 3

SEX: Female

DAY ON TEST: 732

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401601

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	* Liver
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Kidney		Nephropathy	Chronicprogr, Minimal
* Lymph Node, Mesenteric		Angiectasis	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Spleen		Hyperplasia	Lymphocyte, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLs = 1-11+12+13]			
Vagina	Epithelium	Hyperplasia	Squamous, Mild

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 153

TRT#: 3

SEX: Female

DAY ON TEST: 732

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401602

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	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
* Ovary		Atrophy	Moderate
		Cystadenoma	
	[Cystadenoma TGLs = 1-13]		
* Spleen		Extramedullary Hematopoiesis	Increased
Vagina	Epithelium	Hyperplasia	Squamous, Mild

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 154

TRT#: 3

SEX: Female

DAY ON TEST: 730

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401603

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	* Kidney	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone		Fibro-Osseous Lesion	Moderate
* Islets, Pancreatic		Hyperplasia	Minimal
* Liver		Eosinophilic Focus	
	[Eosinophilic Focus TGLs = 3-15]		
* Lymph Node, Mesenteric		Hyperplasia	Lymphocyte, Mild
* Ovary		Atrophy	Moderate
	Interstit Cell	Hyperplasia	Mild
* Skin		Fibrosarcoma	
	[Fibrosarcoma TGLs = 1-13]		
* Spleen		Hyperplasia	Lymphocyte, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	[Hyperplasia TGLs = 2-14]		
Vagina	Epithelium	Hyperplasia	Squamous, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 155

TRT#: 3

SEX: Female

DAY ON TEST: 729

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401604

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	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Liver		Infiltration Cellular	Lymphocyte, Mild
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Hyperplasia	Minimal
	Olfactory Epi	Metaplasia	Respiratory, Minimal
* Ovary		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Spleen		Hyperplasia	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	[Hyperplasia TGLs = 1-11+12]		
Vagina	Epithelium	Hyperplasia	Squamous, Moderate

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 157

TRT#: 3

SEX: Female

DAY ON TEST: 733

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401606

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	* Liver
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Ovary		Atrophy	Mild
	Follicle	Cyst	
		Cystadenoma	
	[Cystadenoma TGLs = 1-13]		
* Pancreas		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
* Thymus		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Vagina	Epithelium	Hyperplasia	Squamous, Mild
		Inflammation	Acute, Mild

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 158

TRT#: 3

SEX: Female

DAY ON TEST: 729

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401607

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
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone	Joint	Degeneration	Moderate
* Ovary		Atrophy	Moderate
		Cyst	Epithelial
[Cyst TGLs = 2-10]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Spleen		Extramedullary Hematopoiesis	Increased
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLs = 1-11+12]			
Vagina	Epithelium	Hyperplasia	Squamous, Moderate

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 159

TRT#: 3

SEX: Female

DAY ON TEST: 673

DOSE: 100 mg/kg

DISP: Moribund Sacrifice

HISTO: 1401608

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Clitoral Gland	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* 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
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Trachea	* Urinary Bladder	Vagina	

OBSERVATIONS

* Bone Marrow		Hypercellularity	Marked
* Brain		Hydrocephalus	
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Duodenum		Perforation	
		Ulcer	Marked
	[Perforation TGLs = 3-6]		
* Kidney		Nephropathy	Chronicprogr, Mild
* Liver		Necrosis	Minimal
* Mammary Gland	Duct	Hyperplasia	Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Atrophy	Moderate
* Ovary		Infiltration Cellular	Lymphocyte, Mild
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 1-13]		
* Spleen	White Pulp	Atrophy	Moderate
		Extramedullary Hematopoiesis	Increased
* Thymus		Hyperplasia	Epithelial, Marked
* Thyroid Gland	Follicular Cel	Hyperplasia	Mild
	[Hyperplasia TGLs = 2-4]		
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - Intestine Small, Duodenum Perforation

CONTRIBUTORY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 160

TRT#: 3

SEX: Female

DAY ON TEST: 731

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401609

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	* Liver
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Kidney		Nephropathy	Chronicprogr, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphocyte, Mild
* Ovary		Angiectasis	Marked
		Thrombus	
	[Thrombus TGLs = 1-13]		
* Spleen		Extramedullary Hematopoiesis	Increased
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Vagina	Epithelium	Hyperplasia	Squamous, Mild

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 161

TRT#: 3

SEX: Female

DAY ON TEST: 731

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401610

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
* Islets, Pancreatic	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Histiocytic Sarcoma	
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Lymphocyte, Marked
	[Hyperplasia TGLs = 4-16]		
* Kidney		Histiocytic Sarcoma	
	[Histiocytic Sarcoma TGLs = 2,5-5+14]		
* Liver		Hepatocellular Adenoma	Multiple
	[Hepatocellular Adenoma TGLs = 1-13]	Histiocytic Sarcoma	
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 3-15]		
* Nose	Olfactory Epi	Metaplasia	Respiratory, Minimal
* Ovary		Histiocytic Sarcoma	
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Spleen		Extramedullary Hematopoiesis	Increased
		Lymphoma Malignant	
* Uterus		Lymphoma Malignant	
Vagina	Epithelium	Hyperplasia	Squamous, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 162

TRT#: 3

SEX: Female

DAY ON TEST: 731

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401611

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	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Lymph Node, Mesenteric		Hyperplasia	Lymphocyte, Mild
* Ovary		Atrophy	Mild
* Spleen		Extramedullary Hematopoiesis	Increased
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Vagina	Epithelium	Hyperplasia	Squamous, Marked

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 163

TRT#: 3

SEX: Female

DAY ON TEST: 732

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401612

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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus
Vagina			

OBSERVATIONS

* Lung		Hemorrhage	Minimal
[Hemorrhage TGLs = 2-14]			
* Mammary Gland	Epithelium	Hyperplasia	Minimal
* Ovary	Follicle	Cyst	
[Cyst TGLs = 1-13]			
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLs = 3-15]			

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 164

TRT#: 3

SEX: Female

DAY ON TEST: 681

DOSE: 100 mg/kg

DISP: Natural Death

HISTO: 1401613

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* 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	* Lung	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	Vagina	

OBSERVATIONS

* Bone Marrow		Necrosis	Marked
* Heart		Cardiomyopathy	Minimal
* Kidney		Lymphoma Malignant	
* Liver		Amyloid	
		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Hemangiosarcoma	
		Lymphoma Malignant	
* Nose	Respirat Epith	Hyperplasia	Minimal
* Ovary		Atrophy	Marked
* Spleen		Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 1,2-13]		
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH - UNCERTAIN

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 166

TRT#: 3

SEX: Female

DAY ON TEST: 732

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401615

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Islets, Pancreatic
* Kidney	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Hypercellularity	Mild
* Clitoral GI			
Note: Skin sarcoma arose in region of clitoral gland.			
* Heart		Cardiomyopathy	Minimal
* Intestine Small, Jejunum	Epithelium	Hyperplasia	Minimal
	Peyers Patch	Hyperplasia	Lymphocyte, Mild
	[Hyperplasia TGLs = 5-15]		
* Liver		Extramedullary Hematopoiesis	Mild
		Hepatocellular Adenoma	
		Tension Lipidosis	Minimal
	[Hepatocellular Adenoma TGLs = 6-16]		
* Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Mild
* Ovary		Atrophy	Moderate
		Pigment	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Skin		Sarcoma	
		Ulcer	Mild
Note: Hint of smooth muscle pattern (leiomyosarcoma). Arises in skin near clitoral gland.			
	[Ulcer TGLs = 4-14]		
* Spleen		Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 1-13]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 166

TRT#: 3

SEX: Female

DAY ON TEST: 732

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401615

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus

Endometrium

Hyperplasia

Cystic, Minimal

Leiomyoma

[Leiomyoma TGLs = 2,3-12]

Vagina

Epithelium

Hyperplasia

Squamous, Mild

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 167

TRT#: 3

SEX: Female

DAY ON TEST: 731

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401616

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	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Liver [Infiltration Cellular TGLs = 2-5]		Infiltration Cellular	Lymphocyte, Mild
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
* Pituitary Gland [Adenoma TGLs = 1-7]	Pars Distalis	Adenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
Vagina	Epithelium	Hyperplasia Inflammation	Squamous, Minimal Acute, Minimal

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 170

TRT#: 3

SEX: Female

DAY ON TEST: 733

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401619

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	* Kidney	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone Marrow		Hypercellularity	Mild
* Liver	Hepatocyte	Atrophy	Mild
		Lymphoma Malignant	
	Note: Early cirrhosis. [Atrophy TGLs = 3-4+5+6+14+15]		
* Lung		Lymphoma Malignant	
* Lymph Node, Mandibular		Hyperplasia	Lymphocyte, Mild
* Lymph Node, Mesenteric		Extramedullary Hematopoiesis	Mild
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Metaplasia	Respiratory, Minimal
* Ovary		Angiectasis	Minimal
	Bursa	Cyst	
		Hemorrhage	Moderate
	[Cyst TGLs = 1-13]		
* Spleen		Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 2-5]		
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Inflammation	Acute, Minimal
Vagina	Epithelium	Hyperplasia	Squamous, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 171

TRT#: 3

SEX: Female

DAY ON TEST: 733

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401620

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	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Kidney		Nephropathy	Chronicprogr, Minimal
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Inflammation	Chronic Active, Minimal
* Ovary		Atrophy	Mild
* Spleen		Extramedullary Hematopoiesis	Increased
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLs = 1-12+13]			
Vagina	Epithelium	Hyperplasia	Squamous, Moderate

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 174

TRT#: 3

SEX: Female

DAY ON TEST: 730

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401623

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	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Liver		Tension Lipidosis	Minimal
* Ovary		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLs = 1-12+13]		
Vagina	Epithelium	Hyperplasia	Squamous, Mild

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 175

TRT#: 3

SEX: Female

DAY ON TEST: 731

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401624

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	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Bone		Fibro-Osseous Lesion	Mild
* Liver		Histiocytic Sarcoma	
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
* Ovary		Atrophy	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Spleen		Hyperplasia	Lymphocyte, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLs = 1-12+13]			
Vagina	Epithelium	Hyperplasia	Squamous, Mild

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 176

TRT#: 3

SEX: Female

DAY ON TEST: 733

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401625

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	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Kidney		Nephropathy	Chronicprogr, Minimal
* Liver		Inflammation	Chronic Active, Minimal
* Lung		Alveolar/Bronchiolar Carcinoma	
Note: Could be metastatic, but no primary identified elsewhere.			
[Alveolar/Bronchiolar Carcinoma TGLs = 2-4REE]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphocyte, Mild
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[Hyperplasia TGLs = 1-11+12]			
Vagina	Epithelium	Hyperplasia	Squamous, Moderate

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 180

TRT#: 3

SEX: Female

DAY ON TEST: 651

DOSE: 100 mg/kg

DISP: Moribund Sacrifice

HISTO: 1401629

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	* Kidney	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Pituitary Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	Vagina

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Hypercellularity	Moderate
* Islets, Pancreatic		Hyperplasia	Minimal
* Lung	[Alveolar/Bronchiolar Adenoma TGLs = 1-13]	Alveolar/Bronchiolar Adenoma	
* Nose	Respirat Epith Respirat Epith	Hyperplasia Inflammation	Minimal Acute, Minimal
* Ovary		Atrophy	Marked
* Skin	[Ulcer TGLs = 2,3,4-14+15+16]	Ulcer	Marked
* Spleen	White Pulp	Atrophy	Marked
		Extramedullary Hematopoiesis	Increased
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

PRIMARY CAUSE OF DEATH - Skin Ulcer

CONTRIBUTORY CAUSE OF DEATH - Lung Alveolar/Bronchiolar Adenoma

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 181

TRT#: 3

SEX: Female

DAY ON TEST: 730

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401630

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
* Lung	* 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

* Bone		Increased Bone	
* Lymph Node, Mandibular		Hyperplasia	Lymphocyte, Mild
* Ovary		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
	[Hyperplasia TGLs = 1-12+13]		
Vagina	Epithelium	Hyperplasia	Squamous, Mild

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 183

TRT#: 3

SEX: Female

DAY ON TEST: 731

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401632

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	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Liver		Clear Cell Focus	
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
* Ovary		Atrophy	Moderate
	Germinal Epith	Hyperplasia	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Spleen		Extramedullary Hematopoiesis	Increased
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
Vagina	Epithelium	Hyperplasia	Squamous, Mild

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 184

TRT#: 3

SEX: Female

DAY ON TEST: 731

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401633

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, Mesenteric | * Mammary Gland | * Pancreas |
| * Pituitary Gland | * Salivary Glands | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

MISSING

- * Parathyroid Gland

OBSERVATIONS

- | | | | |
|--------------------------------|----------------|-------------------------------|--------------------|
| * Harderian Gland | | Adenoma | |
| [Adenoma TGLs = 2-14] | | | |
| * Lymph Node, Mandibular | | Hyperplasia | Lymphocyte, Mild |
| * Nose | Respirat Epith | Accumulation, Hyaline Droplet | Minimal |
| * Ovary | | Atrophy | Mild |
| | | Cyst | Epithelial |
| * Spleen | | Extramedullary Hematopoiesis | Increased |
| | | Hyperplasia | Lymphocyte, Mild |
| * Uterus | Endometrium | Hyperplasia | Cystic, Mild |
| [Hyperplasia TGLs = 1-12+13] | | | |
| Vagina | Epithelium | Hyperplasia | Squamous, Moderate |

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 185

TRT#: 3

SEX: Female

DAY ON TEST: 729

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401634

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	* Liver
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Kidney		Nephropathy	Chronicprogr, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphocyte, Moderate
* Ovary		Atrophy	Mild
* Spleen		Hyperplasia	Lymphocyte, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Vagina	Epithelium	Hyperplasia	Squamous, Mild

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 188

TRT#: 3

SEX: Female

DAY ON TEST: 731

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401637

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 |
| * Pituitary Gland | * Salivary Glands | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

MISSING

- * Parathyroid Gland

OBSERVATIONS

- | | | | |
|----------|--------------------------------|----------------------------------|--------------------|
| * Liver | | Intrahepatocellular Erythrocytes | |
| * Lung | Alveolus, Epithelium | Hyperplasia | Mild |
| * Nose | Respirat Epith | Accumulation, Hyaline Droplet | Moderate |
| | Respirat Epith | Hyperplasia | Minimal |
| * Ovary | | Atrophy | Minimal |
| | Interstit Cell | Hyperplasia | Mild |
| * Spleen | | Extramedullary Hematopoiesis | Increased |
| * Uterus | Endometrium | Hyperplasia | Cystic, Moderate |
| | | Inflammation | Acute, Mild |
| | [Hyperplasia TGLs = 1-11+12] | | |
| Vagina | Epithelium | Hyperplasia | Squamous, Moderate |
| | | Inflammation | Acute, Minimal |

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 189

TRT#: 3

SEX: Female

DAY ON TEST: 730

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401638

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	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Liver		Mixed Cell Focus	
[Mixed Cell Focus TGLs = 1-5]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphocyte, Mild
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Spleen		Extramedullary Hematopoiesis	Increased
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLs = 2-11+12]			
Vagina	Epithelium	Hyperplasia	Squamous, Mild

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 190

TRT#: 3

SEX: Female

DAY ON TEST: 733

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401639

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	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Liver		Tension Lipidosis	Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphocyte, Minimal
* Ovary		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Vagina	Epithelium	Hyperplasia	Squamous, Mild
		Inflammation	Acute, Minimal

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 191

TRT#: 3

SEX: Female

DAY ON TEST: 729

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401640

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	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Thymus

OBSERVATIONS

* Bone Marrow		Lymphoma Malignant	
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Chronicprogr, Minimal
* Liver		Tension Lipidosis	Minimal
* Lymph Node, Mandibular		Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 1-7]		
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Metaplasia	Respiratory, Minimal
* Spleen		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Vagina	Epithelium	Hyperplasia	Squamous, Mild

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 193

TRT#: 3

SEX: Female

DAY ON TEST: 733

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401642

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
* 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	

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Infiltration Cellular	Lymphocyte, Mild
* Spleen		Extramedullary Hematopoiesis	Increased
* Urinary Bladder		Infiltration Cellular	Lymphocyte, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Vagina	Epithelium	Hyperplasia	Squamous, Mild

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 194

TRT#: 3

SEX: Female

DAY ON TEST: 733

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401643

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	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Ovary		Atrophy	Mild
	Bursa	Cyst	
[Cyst TGLs = 1-10]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLs = 2-12]			
Vagina	Epithelium	Hyperplasia	Squamous, Moderate

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 196

TRT#: 3

SEX: Female

DAY ON TEST: 732

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401645

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	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Harderian Gland		Adenoma	
[Adenoma TGLs = 1-8]			
* Lymph Node, Mesenteric		Hyperplasia	Lymphocyte, Marked
* Nose	Respirat Epith	Hyperplasia	Minimal
* Ovary	Follicle	Cyst	
* Spleen		Extramedullary Hematopoiesis	Increased
		Hyperplasia	Lymphocyte, Moderate
Vagina	Epithelium	Hyperplasia	Squamous, Minimal
		Inflammation	Acute, Minimal

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 197

TRT#: 3

SEX: Female

DAY ON TEST: 730

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401646

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, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Kidney		Nephropathy	Chronicprogr, Mild
* Liver		Clear Cell Focus	
* Lymph Node, Mandibular		Hyperplasia	Lymphocyte, Mild
* Nose	Olfactory Epi	Metaplasia	Respiratory, Minimal
* Ovary		Atrophy	Mild
Note: One ovary slightly shrunken with remnants protruding into bursa.			
Tissue NOS	Fat	Necrosis	Marked
Note: Lesion in adipose tissue near lumbar lymph nodes.			
[Necrosis TGLs = 1-13]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
Vagina	Epithelium	Hyperplasia	Squamous, Minimal

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 199

TRT#: 3

SEX: Female

DAY ON TEST: 729

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401648

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	* Nose
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLs = 1-13]		
* Lymph Node, Mesenteric		Hyperplasia	Lymphocyte, Mild
* Ovary		Cyst	Epithelial, Multiple
	[Cystadenoma TGLs = 3-10]	Cystadenoma	
* Spleen		Extramedullary Hematopoiesis	Increased
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLs = 2-11+12]		
Vagina	Epithelium	Hyperplasia	Squamous, Moderate
		Inflammation	Acute, Mild

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 200

TRT#: 3

SEX: Female

DAY ON TEST: 730

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401649

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	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Liver		Eosinophilic Focus	
	[Eosinophilic Focus TGLs = 2-14]		
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLs = 3-4]		
* Ovary		Cystadenoma	
	[Cystadenoma TGLs = 1-13]		
* Spleen		Extramedullary Hematopoiesis	Increased
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Vagina	Epithelium	Hyperplasia	Squamous, Minimal
		Inflammation	Acute, Minimal

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 201

TRT#: 3

SEX: Female

DAY ON TEST: 730

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401650

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	* Liver	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

Blood Vessel

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Plasma Cell, Mild
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
* Ovary		Atrophy	Moderate
	Interstit Cell	Hyperplasia	Mild
* Spleen		Extramedullary Hematopoiesis	Increased
		Hyperplasia	Lymphocyte, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Vagina	Epithelium	Hyperplasia	Squamous, Mild

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 202

TRT#: 3

SEX: Female

DAY ON TEST: 729

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401651

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 | * Nose |
| * Pancreas | * Parathyroid Gland | * Pituitary Gland | * Skin |
| * Stomach, Forestomach | * Stomach, Glandular | * Thymus | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

OBSERVATIONS

- | | | | |
|--------------------------------|-------------|------------------------------|------------------|
| * Liver | | Lymphoma Malignant | |
| * Lymph Node, Mesenteric | | Lymphoma Malignant | |
| * Ovary | | Atrophy | Moderate |
| * Salivary Glands | | Infiltration Cellular | Lymphocyte, Mild |
| * Spleen | | Extramedullary Hematopoiesis | Increased |
| * Uterus | Endometrium | Lymphoma Malignant | |
| [Hyperplasia TGLs = 1-11+12] | | Hyperplasia | Cystic, Moderate |
| Vagina | Epithelium | Hyperplasia | Squamous, Mild |

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 203

TRT#: 3

SEX: Female

DAY ON TEST: 729

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401652

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	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Ovary		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Vagina	Epithelium	Hyperplasia	Squamous, Moderate

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 204

TRT#: 3

SEX: Female

DAY ON TEST: 732

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401653

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	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	Vagina

OBSERVATIONS

* Adrenal Cortex	Subcapsular	Hyperplasia	Minimal
* Liver		Fatty Change	Minimal
* Ovary		Atrophy	Moderate
		Fatty Change	Mild
* Spleen		Hyperplasia	Lymphocyte, Mild
Tongue		Squamous Cell Carcinoma	
[Squamous Cell Carcinoma	TGLs = 1-13]		
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 205

TRT#: 3

SEX: Female

DAY ON TEST: 729

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401654

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	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland	* Thyroid Gland
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OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Hyperplasia	Minimal
* Ovary	Bilateral, Follicle	Cyst	
	[Cyst TGLs = 1-10]		
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Vagina	Epithelium	Hyperplasia	Squamous, Mild

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 206

TRT#: 3

SEX: Female

DAY ON TEST: 730

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401655

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, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney	Renal Tubule	Accumulation, Hyaline Droplet	Mild
* Liver		Infiltration Cellular	Lymphocyte, Minimal
* Lung		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mandibular	Sinus	Infiltration Cellular	Neutrophil, Mild
* Nose	Respirat Epith	Hyperplasia	Minimal
* Spleen		Histiocytic Sarcoma	
	[Histiocytic Sarcoma TGLs = 1-13]		
* Uterus		Angiectasis	Minimal
	Endometrium	Hyperplasia	Cystic, Minimal
Vagina	Epithelium	Hyperplasia	Squamous, Minimal

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 207

TRT#: 3

SEX: Female

DAY ON TEST: 599

DOSE: 100 mg/kg

DISP: Moribund Sacrifice

HISTO: 1401656

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	* Kidney	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Liver		Hemangiosarcoma	
* Lymph Node, Mesenteric		Hemangiosarcoma	Metastatic (Liver)
* Ovary		Atrophy	Minimal
* Spleen	White Pulp	Atrophy	Moderate
		Extramedullary Hematopoiesis	Increased
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Vagina	Epithelium	Hyperplasia	Squamous, Mild

PRIMARY CAUSE OF DEATH - Liver Hemangiosarcoma

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 208

TRT#: 3

SEX: Female

DAY ON TEST: 732

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401657

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	* Salivary Glands	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Harderian Gland		Hyperplasia	Marked
* Kidney		Nephropathy	Chronicprogr, Minimal
* Liver		Hepatocellular Adenoma	
		Mixed Cell Focus	
	[Hepatocellular Adenoma TGLs = 1-13]		
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
* Skin		Myxosarcoma	
	[Myxosarcoma TGLs = 2-14]		
* Spleen		Extramedullary Hematopoiesis	Increased
* Stomach, Glandular		Mineral	
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Vagina	Epithelium	Hyperplasia	Squamous, Mild

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 209

TRT#: 3

SEX: Female

DAY ON TEST: 733

DOSE: 100 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401658

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* Lymph Node, Mandibular
* Mammary Gland	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	Vagina	

OBSERVATIONS

* Adrenal Cortex		Lymphoma Malignant	
* Bone Marrow		Hypercellularity	Moderate
* Brain		Necrosis	Mild
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Lymphocyte, Marked
* Kidney		Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 2-13]		
* Liver		Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 4,5-16+17]		
* Lung		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
* Ovary		Atrophy	Marked
		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
* Skin		Sarcoma	
	[Sarcoma TGLs = 1-14]		
* Spleen		Extramedullary Hematopoiesis	Increased
	[Extramedullary Hematopoiesis TGLs = 3-15]	Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 211

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401660

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 | * Pancreas | * Parathyroid Gland |
| * Pituitary Gland | * Salivary Glands | * Skin | * Stomach, Forestomach |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

OBSERVATIONS

- | | | | |
|----------|--------------------------------|-------------|-------------------|
| * Ovary | | Atrophy | Moderate |
| * Spleen | | Hyperplasia | Lymphocyte, Mild |
| * Uterus | Endometrium | Hyperplasia | Cystic, Minimal |
| | | Thrombus | |
| | [Hyperplasia TGLs = 1-11+12] | | |
| Vagina | Epithelium | Hyperplasia | Squamous, Minimal |

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 212

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401661

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	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone	Joint	Degeneration	Mild
* Liver	[Hepatocellular Adenoma TGLs = 3-13]	Hepatocellular Adenoma	
* Nose	Respirat Epith	Hyperplasia	Minimal
* Ovary	Follicle	Cyst	
	[Cyst TGLs = 2-10]		
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
	[Hyperplasia TGLs = 1-11+12]		
Vagina		Inflammation	Acute, Minimal

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 213

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401662

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	* Mammary Gland	* Nose	* Pancreas
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Lymph Node, Mesenteric	* Parathyroid Gland
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OBSERVATIONS

* Bone		Fibro-Osseous Lesion	Minimal
* Harderian Gland		Adenoma	
[Adenoma TGLs = 2-13]			
* Ovary		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Spleen		Hyperplasia	Lymphocyte, Mild
* Uterus		Hemangioma	
[Hemangioma TGLs = 1-11+12]			
Vagina	Epithelium	Hyperplasia	Squamous, Mild

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 214

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401663

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	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Ovary		Atrophy	Moderate
		Cystadenoma	
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
Vagina	Epithelium	Hyperplasia	Squamous, Minimal

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 217

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401666

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	* Liver
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Kidney	Renal Tubule	Cyst Nephropathy	Chronicprogr, Minimal
[Cyst TGLs = 1-14]			
* Lymph Node, Mesenteric		Infiltration Cellular	Plasma Cell, Mild
* Ovary		Atrophy	Moderate
* Spleen		Hyperplasia	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
Vagina	Epithelium	Hyperplasia	Squamous, Minimal

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 218

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401667

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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Lung		Polyarteritis Nodosa	Minimal
* Nose	Respirat Epith	Hyperplasia	Minimal
* Ovary		Atrophy	Moderate
* Spleen		Extramedullary Hematopoiesis	Increased
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
	Endometrium	Metaplasia	Squamous, Minimal
	[Hyperplasia TGLs = 1-11+12]		
Vagina	Epithelium	Hyperplasia	Squamous, Marked

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 219

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401668

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	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Hyperplasia	Minimal
* Ovary		Cyst	Epithelial
	[Cyst TGLs = 1-13]		
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Spleen		Extramedullary Hematopoiesis	Increased
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	[Hyperplasia TGLs = 2-11+12]		
Vagina	Epithelium	Hyperplasia	Squamous, Minimal
		Inflammation	Acute, Minimal

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 220

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401669

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	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Harderian Gland		Hyperplasia	Minimal
* Kidney		Nephropathy	Chronicprogr, Minimal
* Ovary		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Hypertrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
	[Hyperplasia TGLs = 1-13]		
Vagina	Epithelium	Hyperplasia	Squamous, Mild
		Inflammation	Acute, Minimal

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 221

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401670

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	* Liver	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Harderian Gland		Hyperplasia	Minimal
* Kidney		Nephropathy	Chronicprogr, Minimal
* Lymph Node, Mesenteric		Infiltration Cellular	Plasma Cell, Moderate
* Ovary		Atrophy	Marked
Vagina	Epithelium	Hyperplasia	Squamous, Mild

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 222

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401671

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
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone		Fibro-Osseous Lesion	Mild
* Eye	Cornea	Inflammation	Acute, Mild
	Ciliary Body	Inflammation	Acute, Mild
	Antr Chamber	Inflammation	Acute, Mild
* Harderian Gland		Adenoma	
	[Adenoma TGLs = 2-8]		
* Kidney		Nephropathy	Chronicprogr, Minimal
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Metaplasia	Respiratory, Minimal
* Ovary		Atrophy	Marked
* Spleen		Extramedullary Hematopoiesis	Increased
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Inflammation	Acute, Mild
	[Hyperplasia TGLs = 1-11+12]		
Vagina	Epithelium	Hyperplasia	Squamous, Mild

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 223

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401672

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 |
| * Stomach, Glandular | * Thymus | * Thyroid Gland | * Trachea |
| * Urinary Bladder | | | |

OBSERVATIONS

- | | | | |
|-------------------|--|-------------------------------|-----------------------|
| * Harderian Gland | | Hyperplasia | Moderate |
| * Kidney | | Nephropathy | Chronicprogr, Minimal |
| * Liver | | Hepatocellular Carcinoma | |
| | [Hepatocellular Carcinoma TGLs = 1-13] | | |
| * Nose | Respirat Epith | Accumulation, Hyaline Droplet | Minimal |
| * Ovary | | Atrophy | Marked |
| * Spleen | White Pulp | Atrophy | Mild |
| | | Extramedullary Hematopoiesis | Increased |
| * Uterus | Endometrium | Hyperplasia | Cystic, Minimal |
| Vagina | Epithelium | Hyperplasia | Squamous, Minimal |
| | | Inflammation | Acute, Minimal |

* PROTOCOL REQUIRED TISSUE

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 224

TRT#: 4

SEX: Female

DAY ON TEST: 677

DOSE: 300 mg/kg

DISP: Moribund Sacrifice

HISTO: 1401673

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	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	Peripheral Nerve	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney		Nephropathy	Chronicprogr, Minimal
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Hyperplasia	Minimal
	Olfactory Epi	Metaplasia	Respiratory, Minimal
* Ovary		Atrophy	Moderate
Spinal Cord	Axon	Degeneration	Minimal
		Polyarteritis Nodosa	Minimal
* Stomach, Glandular		Mineral	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
Vagina	Epithelium	Hyperplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH

- UNCERTAIN

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 225

TRT#: 4

SEX: Female

DAY ON TEST: 455

DOSE: 300 mg/kg

DISP: Natural Death

HISTO: 1401674

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	* Liver	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	Vagina

OBSERVATIONS

* Bone Marrow		Hypercellularity	Mild
* Kidney	Glomerulus	Amyloid	
* Lymph Node, Mandibular		Atrophy	Moderate
* Ovary		Atrophy	Marked
* Spleen	White Pulp	Atrophy	Marked

PRIMARY CAUSE OF DEATH - Kidney Glomerulus Amyloid

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 226

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401675

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	* Kidney	* Liver
* 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

* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Nose	Respirat Epith	Hyperplasia	Minimal
* Ovary		Atrophy	Moderate
		Cystadenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
	[Hyperplasia TGLs = 1-11+12]		
Vagina	Epithelium	Hyperplasia	Squamous, Moderate

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 227

TRT#: 4

SEX: Female

DAY ON TEST: 665

DOSE: 300 mg/kg

DISP: Natural Death

HISTO: 1401676

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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, Mesenteric	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Trachea	* Urinary Bladder	Vagina	

OBSERVATIONS

* Adrenal Cortex		Lymphoma Malignant	
* Bone Marrow		Lymphoma Malignant	
* Brain		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
		Nephropathy	Chronicprogr, Minimal
* Liver		Lymphoma Malignant	
* Lung		Alveolar/Bronchiolar Adenoma	
		Lymphoma Malignant	
	[Alveolar/Bronchiolar Adenoma TGLs = 8-4]		
Lymph Node	Renal	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 4-16]		
	[Lymphoma Malignant TGLs = 7-19]		
* Lymph Node, Mandibular		Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 6-18]		
* Mammary Gland		Lymphoma Malignant	
Mesentery		Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 9-20]		
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
		Lymphoma Malignant	
* Ovary		Lymphoma Malignant	
* Pancreas		Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 2-14]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 227

TRT#: 4

SEX: Female

DAY ON TEST: 665

DOSE: 300 mg/kg

DISP: Natural Death

HISTO: 1401676

ORGAN AND ACCOUNTABLE SITE STATUS

Skeletal Muscle		Lymphoma Malignant	
Note: [Retrobular]			
* Skin		Lymphoma Malignant	
[Lymphoma Malignant TGLs = 5-17]			
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLs = 1-13]			
* Stomach, Forestomach		Lymphoma Malignant	
* Stomach, Glandular		Lymphoma Malignant	
* Thymus		Lymphoma Malignant	
* Thyroid Gland		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLs = 3-11+12+15]		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH - Lung Lymphoma Malignant

Animal Note: [Retrobular]

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 228

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401677

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	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Kidney		Nephropathy	Chronicprogr, Minimal
* Liver		Intrahepatocellular Erythrocytes	
		Tension Lipidosis	Mild
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Mild
* Ovary		Atrophy	Moderate
* Pancreas	Duct	Cyst	
	[Cyst TGLs = 3-14]		
* Skin		Keratoacanthoma	
	[Keratoacanthoma TGLs = 1-13]		
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	[Hyperplasia TGLs = 2-11+12]		
Vagina	Epithelium	Hyperplasia	Squamous, Mild

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 230

TRT#: 4

SEX: Female

DAY ON TEST: 572

DOSE: 300 mg/kg

DISP: Accidentally Killed

HISTO: 1401679

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	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Ovary		Atrophy	Mild
* Spleen		Extramedullary Hematopoiesis	Increased
Vagina	Epithelium	Hyperplasia	Squamous, Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 232

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401681

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	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Nose	Olfactory Epi	Metaplasia	Respiratory, Minimal
* Spleen		Hyperplasia	Lymphocyte, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLs = 2-11+12]			
Vagina	Epithelium	Hyperplasia	Squamous, Moderate

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 234

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401683

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
* Islets, Pancreatic	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Lymphocyte, Mild
* Kidney		Infiltration Cellular	Lymphocyte, Mild
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Olfactory Epi	Metaplasia	Respiratory, Minimal
* Ovary		Atrophy	Moderate
* Spleen		Extramedullary Hematopoiesis	Increased
		Hyperplasia	Lymphocyte, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
	[Hyperplasia TGLs = 1-11+12]		
Vagina	Epithelium	Hyperplasia	Squamous, Moderate

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 237

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401686

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	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	Vagina

MISSING

* Parathyroid Gland

OBSERVATIONS

* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Mild
* Ovary	Follicle	Cyst	
	Rete Ovarii	Cyst	
	[Cyst TGLs = 1-13]		
* Spleen		Hyperplasia	Lymphocyte, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	[Hyperplasia TGLs = 2-11+12]		

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 238

TRT#: 4

SEX: Female

DAY ON TEST: 653

DOSE: 300 mg/kg

DISP: Natural Death

HISTO: 1401687

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
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Intestine Small, Jejunum		Lymphoma Malignant	
[Lymphoma Malignant	TGLs = 6,7,8-18+19+20]		
* Kidney		Nephropathy	Chronicprogr, Minimal
* Liver		Extramedullary Hematopoiesis	Minimal
		Lymphoma Malignant	
[Lymphoma Malignant	TGLs = 9-21]		
Lymph Node		Lymphoma Malignant	
	Renal	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	Pancreatic	Lymphoma Malignant	
[Lymphoma Malignant	TGLs = 2-14]		
[Lymphoma Malignant	TGLs = 3-15]		
[Lymphoma Malignant	TGLs = 4-16]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant	TGLs = 5-17]		
* Nose	Respirat Epith	Hyperplasia	Minimal
* Ovary	Paraovarian	Cyst	
		Lymphoma Malignant	
[Cyst	TGLs = 10-10]		
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant	TGLs = 1-13]		
* Thymus		Lymphoma Malignant	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 238

TRT#: 4

SEX: Female

DAY ON TEST: 653

DOSE: 300 mg/kg

DISP: Natural Death

HISTO: 1401687

ORGAN AND ACCOUNTABLE SITE STATUS

* Uterus

Endometrium

Hyperplasia

Cystic, Minimal

Vagina

Epithelium

Hyperplasia

Squamous, Mild

PRIMARY CAUSE OF DEATH

- Intestine Small, Jejunum Lymphoma Malignant

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 239

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401688

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	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Kidney		Nephropathy	Chronicprogr, Minimal
* Nose	Olfactory Epi	Metaplasia	Respiratory, Minimal
* Ovary		Atrophy	Moderate
	Interstit Cell	Hyperplasia	Mild
* Spleen		Hyperplasia	Lymphocyte, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLs = 1-11+12]			
Vagina	Epithelium	Hyperplasia	Squamous, Mild

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 241

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401690

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	* Liver
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Kidney		Nephropathy	Chronicprogr, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphocyte, Moderate
* Ovary		Atrophy	Moderate
* Spleen		Hyperplasia	Lymphocyte, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
Vagina	Epithelium	Hyperplasia	Squamous, Moderate

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 242

TRT#: 4

SEX: Female

DAY ON TEST: 662

DOSE: 300 mg/kg

DISP: Natural Death

HISTO: 1401691

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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	Vagina

OBSERVATIONS

* Adrenal Cortex		Lymphoma Malignant	
* Bone Marrow		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 6-17]		
* Lung		Lymphoma Malignant	
Lymph Node	Lumbar	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 2-14]		
	[Lymphoma Malignant TGLs = 3-15]		
	[Lymphoma Malignant TGLs = 4-16]		
* Nose	Respirat Epith	Inflammation	Chronic Active, Minimal
* Ovary		Atrophy	Moderate
	Follicle	Cyst	
* Spleen		Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 1-13]		
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLs = 5-11+12]		

PRIMARY CAUSE OF DEATH - Lung Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 243

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401692

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Bone	Joint	Degeneration	Mild
* Heart		Cardiomyopathy	Minimal
* Nose	Respirat Epith	Inflammation	Chronic, Minimal
* Ovary		Atrophy	Mild
		Cyst	Epithelial
* Pituitary Gland		Hemorrhage	Minimal
	Pars Distalis	Hyperplasia	Focal, Minimal
	[Hemorrhage TGLs = 1-7]		
* Spleen		Hyperplasia	Lymphocyte, Moderate
Vagina		Inflammation	Acute, Minimal

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 244

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401693

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	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	Vagina		

OBSERVATIONS

* Nose	Respirat Epith	Hyperplasia	Minimal
* Ovary		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 245

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401694

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	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Ovary		Cystadenoma	
[Cystadenoma TGLs = 1-13]			
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLs = 2-11+12]			
Vagina	Epithelium	Hyperplasia	Squamous, Minimal

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 246

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401695

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	* Nose	* Pancreas	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	Vagina

MISSING

* Parathyroid Gland

OBSERVATIONS

* Harderian Gland [Hyperplasia TGLs = 3-8]		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Chronicprogr, Minimal
* Liver [Hepatocellular Adenoma TGLs = 1-13]		Hepatocellular Adenoma	
* Ovary		Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Spleen [Lymphoma Malignant TGLs = 2-5]		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 247

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401696

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	* Kidney	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	Vagina

OBSERVATIONS

* Islets, Pancreatic		Atrophy	Moderate
* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLs = 2-4]		
* Ovary		Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	[Hyperplasia TGLs = 1-11+12]		

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 249

TRT#: 4

SEX: Female

DAY ON TEST: 652

DOSE: 300 mg/kg

DISP: Natural Death

HISTO: 1401698

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
Vagina			

OBSERVATIONS

* Adrenal Cortex		Leukemia Mononuclear	
* Bone Marrow		Hypercellularity	Minimal
* Brain		Hemorrhage	Mild
		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 1,2,3-3+13]		
* Heart		Leukemia Mononuclear	
* Kidney		Leukemia Mononuclear	
		Nephropathy	Chronicprogr, Minimal
* Liver		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 7,8,9-14+15+16]		
* Lung		Leukemia Mononuclear	
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Hyperplasia	Minimal
* Ovary	Follicle	Cyst	
	Rete Ovarii	Cyst	
	[Cyst TGLs = 5-10]		
* Pituitary Gland	Pars Distalis	Hypertrophy	Minimal
* Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLs = 6-5]		
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
		Inflammation	Acute, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 00058 - 04

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Black Cohosh

CAS Number: 84776-26-1

Date Report Requested: 12/10/2020

Time Report Requested: 11:32:38

First Dose M/F: NA / 04/09/12

Lab: BAT

ANIMAL ID: 249

TRT#: 4

SEX: Female

DAY ON TEST: 652

DOSE: 300 mg/kg

DISP: Natural Death

HISTO: 1401698

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLs = 4-11+12]

PRIMARY CAUSE OF DEATH

- Brain Leukemia Mononuclear

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 250

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401699

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	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney		Lymphoma Malignant	
* Liver		Eosinophilic Focus	
		Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 3,4,5-5+6+15]		
* Nose	Respirat Epith	Hyperplasia	Minimal
* Ovary		Atrophy	Moderate
* Pancreas	Acinus	Atrophy	Mild
* Pituitary Gland	Pars Distalis	Hypertrophy	Minimal
* Spleen		Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 1,2-13+14]		
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLs = 6-11+12]		
Vagina	Epithelium	Hyperplasia	Squamous, Moderate
		Inflammation	Acute, Minimal

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 251

TRT#: 4

SEX: Female

DAY ON TEST: 603

DOSE: 300 mg/kg

DISP: Moribund Sacrifice

HISTO: 1401700

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	* Liver	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	

MISSING

Vagina

OBSERVATIONS

* Bone Marrow		Hypercellularity	Mild
* Kidney		Nephropathy	Chronicprogr, Minimal
Lymph Node	Renal	Leiomyosarcoma	Metastatic (Uterus)
	Lumbar	Leiomyosarcoma	Metastatic (Uterus)
Note: Metastatic neoplasm mostly surrounds the nodes.			
	[Leiomyosarcoma	TGLs = 6-17]	
	[Leiomyosarcoma	TGLs = 7-18]	
* Lymph Node, Mesenteric		Leiomyosarcoma	Metastatic (Uterus)
	[Leiomyosarcoma	TGLs = 8-19]	
* Ovary		Atrophy	Moderate
* Pancreas		Leiomyosarcoma	Metastatic (Uterus)
	[Leiomyosarcoma	TGLs = 5-16]	
Peritoneum		Leiomyosarcoma	Metastatic (Uterus)
* Spleen	White Pulp	Atrophy	Moderate
	[Extramedullary Hematopoiesis	TGLs = 4-5]	Increased
* Thyroid Gland	Follicle	Dilation	Minimal
* Urinary Bladder		Fibrosis	Marked
		Ulcer	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 251

TRT#: 4

SEX: Female

DAY ON TEST: 603

DOSE: 300 mg/kg

DISP: Moribund Sacrifice

HISTO: 1401700

ORGAN AND ACCOUNTABLE SITE STATUS

Note: Ulcer with polypoid, edematous granulation tissue.

* Uterus

Leiomyosarcoma

[Leiomyosarcoma TGLs = 1,2,3-13+14+15]

PRIMARY CAUSE OF DEATH

- Uterus Leiomyosarcoma

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 252

TRT#: 4

SEX: Female

DAY ON TEST: 671

DOSE: 300 mg/kg

DISP: Natural Death

HISTO: 1401701

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	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland

OBSERVATIONS

* Lymph Node, Mesenteric		Hyperplasia	Lymphocyte, Moderate
* Ovary		Atrophy	Marked
* Spleen	White Pulp	Atrophy	Moderate
		Extramedullary Hematopoiesis	Increased
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Thrombus	
[Thrombus TGLs = 1-11+12+13]			
Vagina	Epithelium	Hyperplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH - Uterus Thrombus

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 254

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401703

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
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Nose	Olfactory Epi	Metaplasia	Respiratory, Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Spleen		Hyperplasia	Lymphocyte, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Inflammation	Acute, Minimal
Vagina	Epithelium	Hyperplasia	Squamous, Minimal

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 255

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401704

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	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Liver		Necrosis	Minimal
* Ovary		Atrophy	Marked
* Spleen		Extramedullary Hematopoiesis	Increased
		Hyperplasia	Lymphocyte, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLs = 1-11+12]		
Vagina	Epithelium	Hyperplasia	Squamous, Mild

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 256

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401705

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	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Lymphocyte, Mild
* Liver		Intrahepatocellular Erythrocytes	
* Lymph Node, Mesenteric		Hyperplasia	Lymphocyte, Mild
		Infiltration Cellular	Histiocyte, Mild
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
* Ovary		Atrophy	Moderate
* Spleen		Extramedullary Hematopoiesis	Increased
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLs = 1-11+12]			
Vagina	Epithelium	Hyperplasia	Squamous, Mild

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 258

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401707

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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	

OBSERVATIONS

* Brain		Polyarteritis Nodosa	Mild
* Kidney		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
* Ovary		Atrophy	Marked
* Salivary Glands		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
* Urinary Bladder		Lymphoma Malignant	
* Uterus		Lymphoma Malignant	
Vagina	Epithelium	Hyperplasia	Squamous, Moderate

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 260

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401709

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	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Intestine Small, Jejunum		Lymphoma Malignant	
Note: Likely originated in Peyer's patch.			
[Lymphoma Malignant TGLs = 4-14]			
* Kidney		Lymphoma Malignant	
* Liver		Hepatocellular Carcinoma	
		Lymphoma Malignant	
Note: Neoplasm is also visible on slide 4.			
[Hepatocellular Carcinoma TGLs = 1-13]			
* Lung		Alveolar/Bronchiolar Carcinoma	
[Alveolar/Bronchiolar Carcinoma TGLs = 3-4]			
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Extramedullary Hematopoiesis	Minimal
		Infiltration Cellular	Plasma Cell, Mild
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Hyperplasia	Minimal
* Ovary		Atrophy	Moderate
		Cyst	Epithelial
* Spleen		Extramedullary Hematopoiesis	Increased
		Hyperplasia	Lymphocyte, Mild
Tooth		Inflammation	Acute, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 260

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401709

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLs = 2-11+12]

Vagina

Epithelium

Hyperplasia

Squamous, Mild

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 261

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401710

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* 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	* 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

* Bone Marrow		Hypercellularity	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Chronicprogr, Mild
* Ovary		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
		Inflammation	Acute, Minimal
	[Hyperplasia TGLs = 1-11+12]		
Vagina	Epithelium	Hyperplasia	Squamous, Moderate

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 263

TRT#: 4

SEX: Female

DAY ON TEST: 732

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401712

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	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Lung		Alveolar/Bronchiolar Carcinoma	
	Alveolus, Epithelium	Hyperplasia	Moderate
		Infiltration Cellular	Histiocyte, Mild
	[Alveolar/Bronchiolar Carcinoma TGLs = 1-13]		
* Ovary		Atrophy	Marked
		Cystadenoma	
		Hemorrhage	Moderate
	Interstit Cell	Hyperplasia	Minimal
	[Cystadenoma TGLs = 2-14]		
* Spleen		Extramedullary Hematopoiesis	Increased
* Uterus		Adenocarcinoma	
	Endometrium	Hyperplasia	Cystic, Marked
	Note: Papillary hyperplasia of endometrium in addition to cystic lesion.		
	[Hyperplasia TGLs = 3,4-11+15+16]		
Vagina	Epithelium	Hyperplasia	Squamous, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 264

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 140713

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	* Lung	* Lymph Node, Mandibular
* Mammary Gland	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Heart		Cardiomyopathy	Mild
* Kidney		Nephropathy	Chronicprogr, Minimal
* Liver		Clear Cell Focus	
		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLs = 2-13 + 13A]		
* Lymph Node, Mesenteric		Atrophy	Mild
* Nose	Respirat Epith	Hyperplasia	Minimal
* Ovary		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLs = 1-11+12]		
Vagina	Epithelium	Hyperplasia	Squamous, Mild

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 270

TRT#: 4

SEX: Female

DAY ON TEST: 677

DOSE: 300 mg/kg

DISP: Moribund Sacrifice

HISTO: 1401719

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* 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	* Nose	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
Vagina			

MISSING

* Gallbladder	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Bone Marrow		Histiocytic Sarcoma	
* Harderian Gland		Histiocytic Sarcoma	
* Kidney		Histiocytic Sarcoma	
* Liver		Histiocytic Sarcoma	
	[Histiocytic Sarcoma TGLs = 2,4,5-14+16+17]		
* Lung		Histiocytic Sarcoma	
* Lymph Node, Mesenteric		Histiocytic Sarcoma	
	[Histiocytic Sarcoma TGLs = 3-15]		
Mesentery		Histiocytic Sarcoma	
* Ovary		Atrophy	Marked
* Spleen		Histiocytic Sarcoma	
	[Histiocytic Sarcoma TGLs = 1-13]		
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Inflammation	Acute, Mild

PRIMARY CAUSE OF DEATH - Liver Histiocytic Sarcoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 271

TRT#: 4

SEX: Female

DAY ON TEST: 730

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401720

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	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Kidney		Nephropathy	Chronicprogr, Minimal
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLs = 1-13]		
* Ovary		Atrophy	Marked
* Spleen		Hyperplasia	Lymphocyte, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
Vagina	Epithelium	Hyperplasia	Squamous, Mild

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 272

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401721

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	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Hyperplasia	Minimal
	Olfactory Epi	Metaplasia	Respiratory, Minimal
* Ovary		Atrophy	Moderate
* Spleen		Hyperplasia	Lymphocyte, Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
[Hyperplasia	TGLs = 1,2-11+11A+12]		
Vagina	Epithelium	Hyperplasia	Squamous, Moderate

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 273

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401722

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	* Liver	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Bone Marrow		Fibrosis	Minimal
* Kidney		Nephropathy	Chronicprogr, Minimal
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLs = 2-6]			
* Ovary		Atrophy	Marked
* Spleen		Lymphoma Malignant	
Tooth		Necrosis	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLs = 1-11+12]			
Vagina	Epithelium	Hyperplasia	Squamous, Moderate

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 274

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401723

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* 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	* 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

* Bone	Joint	Degeneration	Moderate
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Chronicprogr, Minimal
* Ovary	Follicle	Cyst	
[Cyst TGLs = 1-10]			
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLs = 2-11+12]			
Vagina	Epithelium	Hyperplasia	Squamous, Moderate

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 275

TRT#: 4

SEX: Female

DAY ON TEST: 634

DOSE: 300 mg/kg

DISP: Natural Death

HISTO: 1401724

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* 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
* Intestine Small, Jejunum	* Islets, Pancreatic	* Lymph Node, Mandibular	* Nose
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	Vagina

MISSING

* Mammary Gland	* Pancreas
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OBSERVATIONS

* Gallbladder		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 6-18]		
* Lung		Lymphoma Malignant	
Lymph Node	Mediastinal	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
	Pancreatic	Lymphoma Malignant	
	Lumbar	Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 2-14]		
	[Lymphoma Malignant TGLs = 4-16]		
	[Lymphoma Malignant TGLs = 5-17]		
	[Lymphoma Malignant TGLs = 7-19]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 3-15]		
* Ovary		Atrophy	Marked
		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 1-13]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 275

TRT#: 4

SEX: Female

DAY ON TEST: 634

DOSE: 300 mg/kg

DISP: Natural Death

HISTO: 1401724

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH - Liver Lymphoma Malignant

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 277

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401726

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	* Kidney	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Adrenal Cortex		Vacuolation, Cytoplasmic	Focal, Minimal
* Liver		Stellate Cell Tumor, Benign	
* Lymph Node, Mesenteric		Hyperplasia	Lymphocyte, Marked
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
Vagina	Epithelium	Hyperplasia	Squamous, Minimal

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 279

TRT#: 4

SEX: Female

DAY ON TEST: 729

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401728

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	* Liver	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Harderian Gland		Adenoma	
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Chronicprogr, Minimal
* Nose	Respirat Epith	Hyperplasia	Minimal
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLs = 3-7]			
* Skin		Sarcoma	
[Sarcoma TGLs = 1-13]			
* Spleen	White Pulp	Atrophy	Marked
[Extramedullary Hematopoiesis TGLs = 2-5]		Extramedullary Hematopoiesis	Increased
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
* Vagina	Epithelium	Hyperplasia	Squamous, Minimal

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 280

TRT#: 4

SEX: Female

DAY ON TEST: 733

DOSE: 300 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401729

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* 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	* Kidney	* Liver	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

Blood Vessel

INSUFFICIENT TISSUE

* Thyroid Gland

OBSERVATIONS

* Bone Marrow		Hypercellularity	Moderate
* Lymph Node, Mandibular		Infiltration Cellular	Plasma Cell, Moderate
	[Infiltration Cellular TGLs = 1-13]		
* Ovary		Atrophy	Marked
* Skin		Erosion	Mild
	Epidermis	Hyperplasia	Moderate
	[Hyperplasia TGLs = 2-14]		
* Spleen		Extramedullary Hematopoiesis	Increased
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Vagina	Epithelium	Hyperplasia	Squamous, Minimal

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 281

TRT#: 5

SEX: Female

DAY ON TEST: 733

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401730

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
* Islets, Pancreatic	* Kidney	* Lymph Node, Mandibular	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	Vagina

OBSERVATIONS

* Adrenal Medulla		Hyperplasia	Focal, Minimal
* Intestine Small, Jejunum		Pheochromocytoma Benign	
		Lymphoma Malignant	
Note: Peyer's patch origin.			
[Lymphoma Malignant TGLs = 5-17]			
* Liver		Hepatocellular Carcinoma	
[Hepatocellular Carcinoma TGLs = 1-13]			
* Lung		Hepatocellular Carcinoma	Metastatic (Liver)
Lymph Node	Renal	Lymphoma Malignant	
	Lumbar	Lymphoma Malignant	
[Lymphoma Malignant TGLs = 6-18]			
[Lymphoma Malignant TGLs = 3-15]			
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant TGLs = 4-16]			
* Nose	Respirat Epith	Hyperplasia	Minimal
* Ovary		Atrophy	Marked
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant TGLs = 2-14]			
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 282

TRT#: 5

SEX: Female

DAY ON TEST: 731

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401731

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	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	Vagina

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Islets, Pancreatic		Hyperplasia	Minimal
* Kidney		Nephropathy	Chronicprogr, Minimal
* Liver		Clear Cell Focus	
	[Clear Cell Focus TGLs = 1-13]		
* Lymph Node, Mesenteric		Hyperplasia	Lymphocyte, Mild
* Nose	Respirat Epith	Hyperplasia	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Moderate
* Spleen		Hyperplasia	Lymphocyte, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 283

TRT#: 5

SEX: Female

DAY ON TEST: 382

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 1401732

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	* Kidney	* Liver
* 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

* Heart	Valve	Inflammation	Chronic Active, Moderate
Note: Septic valvular endocarditis.			
* Spleen		Extramedullary Hematopoiesis	Increased
* Uterus		Angiectasis	Mild
		Hemorrhage	Mild
	Endometrium	Hyperplasia	Cystic, Mild
		Polyp Stromal	
[Hyperplasia TGLs = 1-12+13]			
Vagina	Epithelium	Hyperplasia	Squamous, Moderate

PRIMARY CAUSE OF DEATH - Heart Valve Inflammation

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 284

TRT#: 5

SEX: Female

DAY ON TEST: 666

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 1401733

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Clitoral Gland	* Esophagus	* Eye	* Heart
* 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	* Skin
* Stomach, Forestomach	* Thymus	* Trachea	Vagina

OBSERVATIONS

* Bone Marrow		Lymphoma Malignant	
* Brain		Lymphoma Malignant	
* Gallbladder		Lymphoma Malignant	
* Harderian Gland		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 1-13]		
* Liver		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
Lymph Node	Lumbar	Lymphoma Malignant	
	Renal	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 3-14]		
	[Lymphoma Malignant TGLs = 4-15]		
	[Lymphoma Malignant TGLs = 6-16]		
* Lymph Node, Mandibular		Lymphoma Malignant	
* Lymph Node, Mesenteric		Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 5-6]		
* Nose	Respirat Epith	Hyperplasia	Minimal
	Respirat Epith	Inflammation	Acute, Mild
		Lymphoma Malignant	
* Ovary		Atrophy	Moderate
	Bilateral, Follicle	Cyst	
Peripheral Nerve	Axon, Sciatic	Degeneration	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 284

TRT#: 5

SEX: Female

DAY ON TEST: 666

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 1401733

ORGAN AND ACCOUNTABLE SITE STATUS

* Salivary Glands	Sciatic	Lymphoma Malignant	
Spinal Cord	Axon	Lymphoma Malignant Degeneration	Minimal
* Spleen		Lymphoma Malignant Lymphoma Malignant	
[Lymphoma Malignant	TGLs = 2-5]		
* Stomach, Glandular		Lymphoma Malignant	
* Thyroid Gland		Cyst	Congenital
* Urinary Bladder		Lymphoma Malignant	
* Uterus		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH - Kidney Lymphoma Malignant

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 285

TRT#: 5

SEX: Female

DAY ON TEST: 695

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 1401734

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	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Harderian Gland		Hyperplasia	Marked
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Chronicprogr, Minimal
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLs = 1-13]		
* Ovary		Atrophy	Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
	[Hyperplasia TGLs = 2-12+14]		
Vagina	Epithelium	Hyperplasia	Squamous, Moderate

PRIMARY CAUSE OF DEATH - Liver Hepatocellular Adenoma

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 289

TRT#: 5

SEX: Female

DAY ON TEST: 730

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401738

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
* Lymph Node, Mandibular	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Chronicprogr, Mild
* Lymph Node, Mesenteric		Inflammation	Chronic Active, Mild
* Nose	Olfactory Epi	Metaplasia	Respiratory, Minimal
* Ovary	Follicle	Cyst	
[Cyst TGLs = 1-13]			
* Pituitary Gland	Pars Distalis	Hypertrophy	Minimal
* Spleen		Extramedullary Hematopoiesis	Increased
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
Vagina	Epithelium	Hyperplasia	Squamous, Mild

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 291

TRT#: 5

SEX: Female

DAY ON TEST: 731

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401740

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	* Liver	* Lung
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	Vagina	

MISSING

* Urinary Bladder

OBSERVATIONS

* Brain		Infiltration Cellular	Lymphocyte, Mild
* Kidney		Infiltration Cellular	Lymphocyte, Mild
* Lymph Node, Mandibular		Hyperplasia	Lymphocyte, Mild
* Ovary		Atrophy	Mild
	Follicle	Cyst	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 292

TRT#: 5

SEX: Female

DAY ON TEST: 730

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401741

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	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Nose	Respirat Epith	Hyperplasia	Minimal
* Ovary		Atrophy	Moderate
	Follicle	Cyst	
* Spleen		Extramedullary Hematopoiesis	Increased
		Hyperplasia	Lymphocyte, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLs = 1-11]			
Vagina	Epithelium	Hyperplasia	Squamous, Moderate

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 293

TRT#: 5

SEX: Female

DAY ON TEST: 731

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401742

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	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	Vagina	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Intestine Small, Jejunum [Hyperplasia TGLs = 2-14]	Peyers Patch	Hyperplasia	Lymphocyte, Marked
* Liver		Necrosis	Minimal
* Pituitary Gland	Pars Distalis	Hypertrophy	Minimal
* Spleen		Extramedullary Hematopoiesis	Increased
* Uterus [Leiomyoma TGLs = 1-13]	Endometrium	Hyperplasia Leiomyoma	Cystic, Mild

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 294

TRT#: 5

SEX: Female

DAY ON TEST: 730

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401743

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, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Lymph Node, Mandibular		Mast Cell Tumor Benign	
* Ovary		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLs = 1-11+12]			
Vagina	Epithelium	Hyperplasia	Squamous, Moderate

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 295

TRT#: 5

SEX: Female

DAY ON TEST: 729

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401744

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
* Liver	* Lung	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone Marrow		Lymphoma Malignant	
* Harderian Gland		Hyperplasia	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Lymphoma Malignant	
* Lymph Node, Mandibular		Hyperplasia	Lymphocyte, Marked
* Nose	Respirat Epith	Hyperplasia	Minimal
* Salivary Glands		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLs = 1-11+12]		
Vagina	Epithelium	Hyperplasia	Squamous, Moderate

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 297

TRT#: 5

SEX: Female

DAY ON TEST: 732

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401746

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
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Kidney		Nephropathy	Chronicprogr, Mild
* Liver		Necrosis	Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphocyte, Mild
* Lymph Node, Mesenteric		Hyperplasia	Lymphocyte, Mild
* Ovary		Atrophy	Mild
* Salivary Glands		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
* Thyroid Gland	Follicle	Dilation	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
[Hyperplasia TGLs = 1-11+12]			
Vagina	Epithelium	Hyperplasia	Squamous, Moderate

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 298

TRT#: 5

SEX: Female

DAY ON TEST: 731

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401747

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	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Skin	* Stomach, Forestomach	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Liver		Extramedullary Hematopoiesis	Minimal
* Lung		Lymphoma Malignant	
Lymph Node	Thoracic	Lymphoma Malignant	
Note: In mammary gland section.			
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Nose	Respirat Epith	Hyperplasia	Minimal
* Ovary		Atrophy	Minimal
	Germinal Epith	Hyperplasia	Minimal
* Salivary Glands		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
* Stomach, Glandular		Lymphoma Malignant	
* Uterus		Hemangioma	
	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLs = 1-14+15]			
Vagina	Epithelium	Hyperplasia	Squamous, Mild

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 299

TRT#: 5

SEX: Female

DAY ON TEST: 705

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 1401748

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* 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	* Lung	* Lymph Node, Mesenteric	* Nose
* Pancreas	* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Adrenal Cortex		Adenoma	
* Bone Marrow		Hypercellularity	Moderate
* Heart		Cardiomyopathy	Minimal
* Liver		Extramedullary Hematopoiesis	Minimal
		Necrosis	Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphocyte, Moderate
		Infiltration Cellular	Plasma Cell, Marked
	[Infiltration Cellular TGLs = 3-15]		
* Mammary Gland		Galactocele	
* Ovary		Atrophy	Mild
	Follicle	Cyst	
* Skin		Ulcer	Marked
	[Ulcer TGLs = 1,2-13+14]		
* Spleen		Extramedullary Hematopoiesis	Increased
	[Extramedullary Hematopoiesis TGLs = 4-5]		
* Thyroid Gland	Follicle	Dilation	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Vagina	Epithelium	Hyperplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH - Skin Ulcer

* PROTOCOL REQUIRED TISSUE

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 300

TRT#: 5

SEX: Female

DAY ON TEST: 731

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401749

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	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Liver		Necrosis	Minimal
* Lung	Alveolus, Epithelium	Hyperplasia	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
	[Hyperplasia TGLs = 1-11+12]		
Vagina	Epithelium	Hyperplasia	Squamous, Minimal

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 301

TRT#: 5

SEX: Female

DAY ON TEST: 730

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401750

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	* Liver
* Lung	* 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

* Kidney		Nephropathy	Chronicprogr, Minimal
* Lymph Node, Mandibular		Hyperplasia	Lymphocyte, Mild
* Nose	Respirat Epith	Hyperplasia	Minimal
* Ovary		Atrophy	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
Vagina	Epithelium	Hyperplasia	Squamous, Moderate

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 302

TRT#: 5

SEX: Female

DAY ON TEST: 691

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 1401751

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Medulla	Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* 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, Mesenteric	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus	Vagina		

MISSING

* Thymus

OBSERVATIONS

* Adrenal Cortex		Lymphoma Malignant	
* Bone Marrow		Hypercellularity	Mild
* Gallbladder		Lymphoma Malignant	
* Kidney		Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 1-13]		
* Liver		Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 4-16]		
* Lung		Lymphoma Malignant	
Lymph Node	Renal	Lymphoma Malignant	
	Mediastinal	Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 3-15]		
	[Lymphoma Malignant TGLs = 6-18]		
* Lymph Node, Mandibular		Lymphoma Malignant	
* Mammary Gland	Epithelium	Hyperplasia	Minimal
* Ovary		Atrophy	Marked
		Cyst	Epithelial
* Spleen		Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 2-14]		

PRIMARY CAUSE OF DEATH - Liver Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 303

TRT#: 5

SEX: Female

DAY ON TEST: 729

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401752

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	* Liver
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Intestine Small, Jejunum		Lymphoma Malignant	
[Lymphoma Malignant	TGLs = 5-17]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
[Lymphoma Malignant	TGLs = 4-16]		
* Nose	Olfactory Epi	Atrophy	Minimal
* Ovary	Follicle	Atrophy	Mild
	[Cyst TGLs = 3-15]	Cyst	
* Spleen		Lymphoma Malignant	
[Lymphoma Malignant	TGLs = 1-13]		
* Thymus		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia	TGLs = 2-14]		
Vagina	Epithelium	Hyperplasia	Squamous, Moderate

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 304

TRT#: 5

SEX: Female

DAY ON TEST: 729

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401753

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	* Kidney	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	Vagina	

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Liver		Hemorrhage	Minimal
	[Hemorrhage TGLs = 3-6]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Ovary		Cystadenoma	
* Spleen		Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 1,2-13+14]		
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 305

TRT#: 5

SEX: Female

DAY ON TEST: 610

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 1401754

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	Ear
* 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	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	

MISSING

* Thymus

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Lymphoma Malignant	
		Nephropathy	Chronicprogr, Moderate
* Lung		Lymphoma Malignant	
Lymph Node	Lumbar	Hyperplasia	Lymphocyte, Marked
	Renal	Lymphoma Malignant	
		[Hyperplasia TGLs = 1-13]	
		[Lymphoma Malignant TGLs = 2-14]	
* Nose	Olfactory Epi	Metaplasia	Respiratory, Minimal
* Ovary		Atrophy	Mild
		Luteoma	
		Polyarteritis Nodosa	Minimal
		Thrombus	
		[Luteoma TGLs = 3-10]	
* Salivary Glands		Polyarteritis Nodosa	Minimal
* Spleen		Extramedullary Hematopoiesis	Increased
		Hyperplasia	Lymphocyte, Mild
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 305

TRT#: 5

SEX: Female

DAY ON TEST: 610

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 1401754

ORGAN AND ACCOUNTABLE SITE STATUS

Vagina

Polyarteritis Nodosa

Minimal

Polyarteritis Nodosa

Minimal

PRIMARY CAUSE OF DEATH

- Kidney Lymphoma Malignant

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 306

TRT#: 5

SEX: Female

DAY ON TEST: 732

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401755

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	* Islets, Pancreatic
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone		Fibro-Osseous Lesion	Minimal
* Harderian Gland		Adenoma	
* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Lymphocyte, Minimal
* Kidney		Nephropathy	Chronicprogr, Minimal
* Liver		Necrosis	Minimal
* Ovary		Atrophy	Mild
	Follicle	Cyst	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
Vagina	Epithelium	Hyperplasia	Squamous, Mild

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 307

TRT#: 5

SEX: Female

DAY ON TEST: 733

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401756

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	* Kidney	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Brain		Polyarteritis Nodosa	Mild
* Liver		Mixed Cell Focus	
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
* Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLs = 1-13]			
* Stomach, Glandular		Mineral	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
Vagina	Epithelium	Hyperplasia	Squamous, Minimal

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 308

TRT#: 5

SEX: Female

DAY ON TEST: 731

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401757

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	* Nose	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Brain		Gliosis	Mild
		Polyarteritis Nodosa	Mild
* Kidney		Glomerulosclerosis	Minimal
* Liver		Angiectasis	Mild
		Eosinophilic Focus	
	[Angiectasis TGLs = 1-4+5+6]		
* Ovary		Atrophy	Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
		Polyp Stromal	
Vagina	Epithelium	Hyperplasia	Squamous, Mild

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 309

TRT#: 5

SEX: Female

DAY ON TEST: 733

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401758

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	* Liver	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Lymphocyte, Mild
* Kidney		Nephropathy	Chronicprogr, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphocyte, Mild
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Hyperplasia	Minimal
* Ovary	Bilateral	Cystadenoma	
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
[Hyperplasia TGLs = 1-11+12]			
Vagina	Epithelium	Hyperplasia	Squamous, Moderate

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 310

TRT#: 5

SEX: Female

DAY ON TEST: 731

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401759

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	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Kidney		Nephropathy	Chronicprogr, Minimal
* Liver	[Hepatocellular Adenoma TGLs = 1-13]	Hepatocellular Adenoma	
* Nose	Olfactory Epi	Metaplasia	Respiratory, Minimal
* Ovary		Atrophy	Mild
		Cyst	Epithelial
* Spleen		Extramedullary Hematopoiesis	Increased
* Uterus	Endometrium	Hyperplasia	Cystic, Marked
	[Hyperplasia TGLs = 2-11+12]		
Vagina	Epithelium	Hyperplasia	Squamous, Moderate
		Inflammation	Acute, Mild

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 313

TRT#: 5

SEX: Female

DAY ON TEST: 730

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401762

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
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	Vagina

OBSERVATIONS

* Bone		Fibro-Osseous Lesion	Minimal
* Ovary		Atrophy	Mild
		Cyst	Epithelial
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Hyperplasia	Lymphocyte, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 314

TRT#: 5

SEX: Female

DAY ON TEST: 733

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401763

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	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Lymph Node, Mesenteric		Hyperplasia	Lymphocyte, Mild
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Hyperplasia	Minimal
* Ovary		Cyst	Epithelial
[Cyst TGLs = 1-10]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Vagina	Epithelium	Hyperplasia	Squamous, Minimal

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 315

TRT#: 5

SEX: Female

DAY ON TEST: 732

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401764

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|---------------------------|-----------------------------|--------------------------|----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | Blood Vessel | * 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 | * Liver | * Lung |
| * Lymph Node, Mesenteric | * Mammary Gland | * Pancreas | * Salivary Glands |
| * Skin | * Stomach, Forestomach | * Stomach, Glandular | * Thymus |
| * Thyroid Gland | * Trachea | * Urinary Bladder | |

MISSING

- * Parathyroid Gland

OBSERVATIONS

- | | | | |
|--------------------------|--------------------------------|----------------|---------------------|
| * Bone | | Increased Bone | |
| * Heart | | Cardiomyopathy | Minimal |
| * Lymph Node, Mandibular | | Hyperplasia | Lymphocyte, Mild |
| * Nose | Respirat Epith | Hyperplasia | Minimal |
| * Ovary | Follicle | Cyst | |
| * Pituitary Gland | Pars Distalis | Hyperplasia | Focal, Minimal |
| * Spleen | | Hyperplasia | Lymphocyte, Minimal |
| * Uterus | Endometrium | Hyperplasia | Cystic, Moderate |
| | [Hyperplasia TGLs = 1-11+12] | | |
| Vagina | Epithelium | Hyperplasia | Squamous, Minimal |

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 316

TRT#: 5

SEX: Female

DAY ON TEST: 733

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401765

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	Chronicprogr, Minimal
* Liver		Clear Cell Focus	
* Ovary		Atrophy	Marked
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLs = 1-11+12]		
Vagina	Epithelium	Hyperplasia	Squamous, Mild

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 317

TRT#: 5

SEX: Female

DAY ON TEST: 470

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 1401766

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	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Lymph Node, Mesenteric		Hyperplasia	Lymphocyte, Moderate
* Spleen	White Pulp	Atrophy	Marked
		Extramedullary Hematopoiesis	Increased
* Uterus		Angiectasis	Mild
	Endometrium	Hyperplasia	Cystic, Mild
	[Hyperplasia TGLs = 2-12+14]		
Vagina		Congestion	Moderate
	Note: Vaginal prolapse with necrosis and abundant granulation tissue formation.		
	[Congestion TGLs = 1-11+13]		

PRIMARY CAUSE OF DEATH

- Vagina Congestion

* PROTOCOL REQUIRED TISSUE

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 318

TRT#: 5

SEX: Female

DAY ON TEST: 729

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401767

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* 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	* Kidney	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Nose	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	Vagina	

OBSERVATIONS

* Adrenal Cortex		Hypertrophy	Focal, Minimal
* Brain		Hydrocephalus	
* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLs = 1-13]		
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 3-14]		
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	[Hyperplasia TGLs = 2-11+12]	Polyp Stromal	

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 324

TRT#: 5

SEX: Female

DAY ON TEST: 730

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401773

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	* Lung	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Mammary Gland	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Chronicprogr, Minimal
* Liver		Hepatodiaphragmatic Nodule	
		Necrosis	Mild
Note: TGL-1 is chronically infarcted liver tissue.			
	[Hepatodiaphragmatic Nodule	TGLs = 2-14]	
	[Necrosis	TGLs = 1-13]	
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Atrophy	Minimal
	Respirat Epith	Hyperplasia	Mild
* Ovary		Atrophy	Moderate
* Pituitary Gland	Pars Distalis	Hypertrophy	Minimal
* Spleen		Extramedullary Hematopoiesis	Increased
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
Vagina	Epithelium	Hyperplasia	Squamous, Marked

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 325

TRT#: 5

SEX: Female

DAY ON TEST: 171

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 1401774

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	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Mammary GI

Note: Mammary tissue visible in clitoral gland section.

* Ovary

Interstit Cell

Hyperplasia

Mild

* Skin

Note: TLG 1 = NCL

Vagina

Epithelium

Hyperplasia

Squamous, Mild

PRIMARY CAUSE OF DEATH

- UNCERTAIN

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 326

TRT#: 5

SEX: Female

DAY ON TEST: 730

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401775

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
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Bone		Fibro-Osseous Lesion	Minimal
* Ovary		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Spleen		Hyperplasia	Lymphocyte, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLs = 1-11+12]			
Vagina	Epithelium	Hyperplasia	Squamous, Minimal

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 327

TRT#: 5

SEX: Female

DAY ON TEST: 732

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401776

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
* 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

* Bone		Fibro-Osseous Lesion	Minimal
* Nose	Respirat Epith	Hyperplasia	Minimal
* Ovary		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLs = 1-11+12]		
Vagina	Epithelium	Hyperplasia	Squamous, Moderate

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 328

TRT#: 5

SEX: Female

DAY ON TEST: 548

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 1401777

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Bone	* Brain	* Esophagus	* Eye
* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Mammary Gland	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Stomach, Forestomach	* Thymus	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Adrenal Cortex		Lymphoma Malignant
* Adrenal Medulla		Lymphoma Malignant
Aorta		Lymphoma Malignant
* Bone Marrow		Lymphoma Malignant
* Clitoral Gland		Lymphoma Malignant
* Harderian Gland		Lymphoma Malignant
* Heart		Lymphoma Malignant
* Kidney		Lymphoma Malignant
* Liver		Lymphoma Malignant
* Lung		Lymphoma Malignant
Lymph Node	Lumbar	Lymphoma Malignant
[Lymphoma Malignant	TGLs = 3-15]	
* Lymph Node, Mandibular		Lymphoma Malignant
[Lymphoma Malignant	TGLs = 6-17]	
* Lymph Node, Mesenteric		Lymphoma Malignant
[Lymphoma Malignant	TGLs = 2-14]	
Mesentery		Lymphoma Malignant
[Lymphoma Malignant	TGLs = 4-16]	
* Ovary		Lymphoma Malignant
* Salivary Glands		Lymphoma Malignant
Skeletal Muscle		Lymphoma Malignant
Note: [Retro-orbital]		
* Skin		Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 328

TRT#: 5

SEX: Female

DAY ON TEST: 548

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 1401777

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen		Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 1-13]		
* Stomach, Glandular		Lymphoma Malignant	
* Thyroid Gland		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
		Lymphoma Malignant	
Vagina		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH - Spleen Lymphoma Malignant

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 330

TRT#: 5

SEX: Female

DAY ON TEST: 732

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401779

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	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Lung		Alveolar/Bronchiolar Adenoma	
	[Alveolar/Bronchiolar Adenoma TGLs = 2-14]		
* Lymph Node, Mesenteric		Hyperplasia	Lymphocyte, Mild
* Ovary		Cyst	Epithelial
* Spleen		Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 1-13]		
* Thyroid Gland	Bilateral, Follicle	Dilation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Vagina	Epithelium	Hyperplasia	Squamous, Mild

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 331

TRT#: 5

SEX: Female

DAY ON TEST: 729

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401780

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	* Liver
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Kidney		Nephropathy	Chronicprogr, Minimal
* Lymph Node, Mesenteric		Hyperplasia	Lymphocyte, Marked
[Hyperplasia TGLs = 3-13]			
* Ovary		Angiectasis	Minimal
		Atrophy	Mild
	Bursa	Cyst	
[Cyst TGLs = 2-10]			
* Thyroid Gland	Follicle	Dilation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
[Hyperplasia TGLs = 1-11+12]			
Vagina	Epithelium	Hyperplasia	Squamous, Marked

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 333

TRT#: 5

SEX: Female

DAY ON TEST: 732

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401782

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	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Trachea	* Urinary Bladder
Vagina			

OBSERVATIONS

* Liver		Hepatocellular Adenoma	
	[Hepatocellular Adenoma TGLs = 2-14]		
* Skin		Fibrosarcoma	
	[Fibrosarcoma TGLs = 1-13]		
* Thyroid Gland	Follicle	Dilation	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 334

TRT#: 5

SEX: Female

DAY ON TEST: 729

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401783

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	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	* Islets, Pancreatic
* Kidney	* Lung	* 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

* Brain		Polyarteritis Nodosa	Minimal
* Harderian Gland		Hyperplasia	Mild
* Heart		Cardiomyopathy	Minimal
* Liver		Eosinophilic Focus	
* Lymph Node, Mandibular		Hyperplasia	Lymphocyte, Moderate
* Ovary		Atrophy	Moderate
* Uterus	Endometrium	Hyperplasia	Cystic, Moderate
	[Hyperplasia TGLs = 1-11+12]		
Vagina	Epithelium	Hyperplasia	Squamous, Moderate

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 335

TRT#: 5

SEX: Female

DAY ON TEST: 730

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401784

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	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

OBSERVATIONS

* Kidney		Nephropathy	Chronicprogr, Minimal
* Nose	Respirat Epith	Hyperplasia	Minimal
* Ovary	Rete Ovarii	Atrophy	Mild
		Cyst	
[Cyst TGLs = 1-10]			
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal
Vagina	Epithelium	Hyperplasia	Squamous, Mild

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 337

TRT#: 5

SEX: Female

DAY ON TEST: 733

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401786

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	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Skin	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Kidney		Nephropathy	Chronicprogr, Minimal
* Liver		Eosinophilic Focus	
	[Eosinophilic Focus TGLs = 3-6]		
* Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLs = 2-4]		
* Nose		Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Hyperplasia	Minimal
	Respirat Epith	Cyst	Epithelial
* Ovary			
	[Cyst TGLs = 1-10]		
* Pituitary Gland		Hypertrophy	Minimal
	Pars Distalis	Hyperplasia	Lymphocyte, Mild
* Spleen			
* Uterus		Hyperplasia	Cystic, Mild
	Endometrium	Hyperplasia	Squamous, Minimal
Vagina	Epithelium	Inflammation	Acute, Minimal

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 338

TRT#: 5

SEX: Female

DAY ON TEST: 732

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401787

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
* 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	Vagina

OBSERVATIONS

* Bone		Fibro-Osseous Lesion	Minimal
* Intestine Small, Jejunum	Peyers Patch	Inflammation	Chronic Active, Mild
* Liver		Fatty Change	Minimal
	Note: Atypical serosal cystic and lipid lesion.		
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Hyperplasia	Minimal
* Uterus		Angiectasis	Mild
	Endometrium	Hyperplasia	Cystic, Mild

[Angiectasis TGLs = 1-11]

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 340

TRT#: 5

SEX: Female

DAY ON TEST: 731

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401789

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
* Lung	* Lymph Node, Mandibular	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Bone		Fibro-Osseous Lesion	Mild
* Lymph Node, Mesenteric		Infiltration Cellular	Histiocyte, Marked
* Nose	Respirat Epith	Hyperplasia	Minimal
* Uterus	Endometrium	Hyperplasia	Cystic, Mild
	Endometrium	Metaplasia	Squamous, Minimal
	[Hyperplasia TGLs = 1-12+13]		
Vagina	Epithelium	Hyperplasia	Squamous, Marked

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 341

TRT#: 5

SEX: Female

DAY ON TEST: 729

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401790

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 | * Stomach, Glandular | * Thymus | * Trachea |
| * Urinary Bladder | | | |

OBSERVATIONS

- | | | | |
|-----------------|--------------------------------|-------------------------------|-----------------------|
| * Kidney | | Nephropathy | Chronicprogr, Minimal |
| * Liver | | Clear Cell Focus | |
| * Nose | Respirat Epith | Accumulation, Hyaline Droplet | Minimal |
| * Ovary | | Atrophy | Mild |
| | | Tubulostromal Adenoma | |
| * Spleen | | Extramedullary Hematopoiesis | Increased |
| * Thyroid Gland | Follicle | Dilation | Minimal |
| * Uterus | Endometrium | Hyperplasia | Cystic, Mild |
| | [Hyperplasia TGLs = 1-11+12] | | |
| Vagina | Epithelium | Hyperplasia | Squamous, Moderate |

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 342

TRT#: 5

SEX: Female

DAY ON TEST: 733

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401791

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* Gallbladder	* 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	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Clitoral Gland

OBSERVATIONS

* Bone Marrow		Angiectasis	Moderate
* Eye	Lens	Cataract	Minimal
* Heart		Cardiomyopathy	Minimal
* Kidney		Lymphoma Malignant	
* Liver		Necrosis	Minimal
* Lung		Inflammation	Chronic Active, Minimal
Lymph Node	Renal	Lymphoma Malignant	
[Lymphoma Malignant	TGLs = 4-16]		
* Lymph Node, Mandibular		Lymphoma Malignant	
[Lymphoma Malignant	TGLs = 1-13]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Hyperplasia	Minimal
* Ovary		Atrophy	Mild
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Minimal
* Skin		Ulcer	Moderate
[Ulcer	TGLs = 3-15]		
* Spleen		Extramedullary Hematopoiesis	Increased
		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 342

TRT#: 5

SEX: Female

DAY ON TEST: 733

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401791

ORGAN AND ACCOUNTABLE SITE STATUS

[Hyperplasia TGLs = 2-14]
Vagina

Epithelium

Hyperplasia
Inflammation

Squamous, Moderate
Acute, Minimal

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 345

TRT#: 5

SEX: Female

DAY ON TEST: 666

DOSE: 1000 mg/kg

DISP: Moribund Sacrifice

HISTO: 1401794

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	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Pancreas	* Pituitary Gland	* Skin	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Parathyroid Gland

OBSERVATIONS

* Bone		Fibro-Osseous Lesion	Minimal
* Kidney		Nephropathy	Chronicprogr, Minimal
* Ovary		Atrophy	Marked
	Follicle	Cyst	
* Salivary Glands	Duct	Hyperplasia	Marked
* Spleen		Pigment	Minimal
Vagina	Epithelium	Hyperplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH

- UNCERTAIN

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 346

TRT#: 5

SEX: Female

DAY ON TEST: 589

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 1401795

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* 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	* Lung	* Lymph Node, Mandibular	* Mammary Gland
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus	Vagina		

INSUFFICIENT TISSUE

* Thymus

OBSERVATIONS

* Bone Marrow		Hypercellularity	Marked
* Heart		Cardiomyopathy	Minimal
* Kidney		Nephropathy	Chronicprogr, Moderate
* Liver		Eosinophilic Focus	
		Necrosis	Minimal
* Lymph Node, Mesenteric		Atrophy	Marked
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Moderate
	Olfactory Epi	Atrophy	Mild
* Ovary		Atrophy	Marked
* Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLs = 2-14]		
* Skin		Basal Cell Adenoma	
	[Basal Cell Adenoma TGLs = 1-13]		
* Spleen	White Pulp	Atrophy	Marked

PRIMARY CAUSE OF DEATH - Pituitary Gland Pars Distalis Adenoma

* PROTOCOL REQUIRED TISSUE

Experiment Number: 00058 - 04
 Test Type: CHRONIC
 Route: GAVAGE
 Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Black Cohosh
 CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
 Time Report Requested: 11:32:38
 First Dose M/F: NA / 04/09/12
 Lab: BAT

ANIMAL ID: 349

TRT#: 5

SEX: Female

DAY ON TEST: 716

DOSE: 1000 mg/kg

DISP: Natural Death

HISTO: 1401798

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	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Trachea	Vagina

OBSERVATIONS

* Kidney		Lymphoma Malignant	
* Liver		Lymphoma Malignant	
* Lung		Lymphoma Malignant	
* Lymph Node, Mandibular		Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 2-14]		
* Lymph Node, Mesenteric		Lymphoma Malignant	
* Mammary Gland		Lymphoma Malignant	
* Nose	Respirat Epith	Hyperplasia	Minimal
* Ovary		Atrophy	Marked
		Lymphoma Malignant	
* Skin		Lymphoma Malignant	
* Spleen		Lymphoma Malignant	
	[Lymphoma Malignant TGLs = 1-13]		
* Thymus		Lymphoma Malignant	
* Urinary Bladder		Lymphoma Malignant	
* Uterus	Endometrium	Hyperplasia	Cystic, Mild

PRIMARY CAUSE OF DEATH - Spleen Lymphoma Malignant

* PROTOCOL REQUIRED TISSUE

Experiment Number: 00058 - 04
Test Type: CHRONIC
Route: GAVAGE
Species/Strain: MICE/B6C3F1/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Black Cohosh
CAS Number: 84776-26-1

Date Report Requested: 12/10/2020
Time Report Requested: 11:32:38
First Dose M/F: NA / 04/09/12
Lab: BAT

ANIMAL ID: 350

TRT#: 5

SEX: Female

DAY ON TEST: 729

DOSE: 1000 mg/kg

DISP: Terminal Sacrifice

HISTO: 1401799

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	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	Vagina	

MISSING

* Parathyroid Gland

OBSERVATIONS

* Intestine Small, Jejunum	Peyers Patch	Hyperplasia	Lymphocyte, Mild
* Liver		Clear Cell Focus	
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
* Pituitary Gland	Pars Distalis	Hyperplasia	Focal, Mild
* Uterus	Endometrium	Hyperplasia	Cystic, Minimal

*** END OF REPORT ***