

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

C Number:	C60855
Lock Date:	04/23/1992
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	NONE

Experiment Number: 60855-01
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P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 1	TRT#: 1 DOSE: CONTROL	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: mb150g-1
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Heart	Inflammation	Minimal
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 2	TRT#: 1 DOSE: CONTROL	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: mb150g-2
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Heart	Inflammation	Minimal
* Preputial Gland	Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 3	TRT#: 1 DOSE: CONTROL	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: mb150g-3
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* 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	* Nose	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Testes	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01

Test Type: 18-33 DAYS

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Bromo-beta-nitrostyrene

CAS Number: 7166-19-0

Date Report Requested: 10/18/2014

Time Report Requested: 20:37:09

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 4	TRT#: 1 DOSE: CONTROL	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: mb150g-4
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* 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	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Trachea	* Urinary Bladder		

MISSING

* Mammary Gland

OBSERVATIONS

* Lung		Hemorrhage	Minimal
* Nose		Inflammation	Moderate
	Respirat Epith	Metaplasia	Squamous, Moderate
* Thymus		Hemorrhage	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 5	TRT#: 1 DOSE: CONTROL	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: mb150g-5
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* 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	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Lung	Hemorrhage	Minimal
* Preputial Gland	Inflammation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 6	TRT#: 1 DOSE: CONTROL	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: mb150g-6
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* 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	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Lung	Inflammation	Focal, Minimal
* Nose	Inflammation	Mild

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01

Test Type: 18-33 DAYS

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Bromo-beta-nitrostyrene

CAS Number: 7166-19-0

Date Report Requested: 10/18/2014

Time Report Requested: 20:37:09

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 7

TRT#: 1

SEX: Male

DAY ON TEST: 29

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: mb150g-7

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Bone Marrow
* Heart
* Intestine Small, Duodenum
* Liver
* Nose
* Preputial Gland
* Skin
* Testes
* Urinary Bladder

* Adrenal Medulla
* Brain
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mandibular
* Pancreas
* Prostate
* Spleen
* Thymus

* Blood Vessel
* Epididymis
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mesenteric
* Parathyroid Gland
* Salivary Glands
* Stomach, Forestomach
* Thyroid Gland

* Bone
* Esophagus
* Intestine Large, Rectum
* Kidney
* Mammary Gland
* Pituitary Gland
* Seminal Vesicle
* Stomach, Glandular
* Trachea

OBSERVATIONS

* Lung

Hemorrhage
Inflammation

Minimal
Focal, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 8	TRT#: 1 DOSE: CONTROL	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: mb150g-8
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* 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
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Forestomach	* Stomach, Glandular
* Testes	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Heart	Inflammation	Minimal
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PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01

Test Type: 18-33 DAYS

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Bromo-beta-nitrostyrene

CAS Number: 7166-19-0

Date Report Requested: 10/18/2014

Time Report Requested: 20:37:09

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 9

TRT#: 1

SEX: Male

DAY ON TEST: 29

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: mb150g-9

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Bone Marrow
* Heart
* Intestine Small, Duodenum
* Liver
* Nose
* Preputial Gland
* Skin
* Testes
* Urinary Bladder

* Adrenal Medulla
* Brain
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lymph Node, Mandibular
* Pancreas
* Prostate
* Spleen
* Thymus

* Blood Vessel
* Epididymis
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mesenteric
* Parathyroid Gland
* Salivary Glands
* Stomach, Forestomach
* Thyroid Gland

* Bone
* Esophagus
* Intestine Large, Rectum
* Kidney
* Mammary Gland
* Pituitary Gland
* Seminal Vesicle
* Stomach, Glandular
* Trachea

OBSERVATIONS

* Lung

Inflammation

Focal, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01

Test Type: 18-33 DAYS

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Bromo-beta-nitrostyrene

CAS Number: 7166-19-0

Date Report Requested: 10/18/2014

Time Report Requested: 20:37:09

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 29

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: mb150g-10

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Bone Marrow
* Heart
* Intestine Small, Duodenum
* Liver
* Mammary Gland
* Pituitary Gland
* Seminal Vesicle
* Stomach, Glandular
* Urinary Bladder

* Adrenal Medulla
* Brain
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lung
* Nose
* Preputial Gland
* Skin
* Testes

* Blood Vessel
* Epididymis
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mandibular
* Pancreas
* Prostate
* Spleen
* Thyroid Gland

* Bone
* Esophagus
* Intestine Large, Rectum
* Kidney
* Lymph Node, Mesenteric
* Parathyroid Gland
* Salivary Glands
* Stomach, Forestomach
* Trachea

OBSERVATIONS

* Thymus
[Hemorrhage TGLS = 1-3]

Hemorrhage

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 11	TRT#: 2	SEX: Male	DAY ON TEST: 29
	DOSE: 0.037 G/KG	DISP: Terminal Sacrifice	HISTO: mb150g-11

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
* Intestine Large, Cecum	* Nose	* Stomach, Forestomach	* Stomach, Glandular
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 12

TRT#: 2

SEX: Male

DAY ON TEST: 29

DOSE: 0.037 G/KG

DISP: Terminal Sacrifice

HISTO: mb150g-12

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Large, Cecum

* Nose

* Stomach, Forestomach

* Stomach, Glandular

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 13

TRT#: 2

SEX: Male

DAY ON TEST: 29

DOSE: 0.037 G/KG

DISP: Terminal Sacrifice

HISTO: mb150g-13

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Large, Cecum

* Nose

* Stomach, Forestomach

* Stomach, Glandular

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 14	TRT#: 2	SEX: Male	DAY ON TEST: 29
	DOSE: 0.037 G/KG	DISP: Terminal Sacrifice	HISTO: mb150g-14

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Large, Cecum	* Nose	* Stomach, Forestomach	* Stomach, Glandular
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 15

TRT#: 2

SEX: Male

DAY ON TEST: 29

DOSE: 0.037 G/KG

DISP: Terminal Sacrifice

HISTO: mb150g-15

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Large, Cecum

* Nose

* Stomach, Forestomach

* Stomach, Glandular

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 16

TRT#: 2

SEX: Male

DAY ON TEST: 29

DOSE: 0.037 G/KG

DISP: Terminal Sacrifice

HISTO: mb150g-16

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Large, Cecum

* Nose

* Stomach, Forestomach

* Stomach, Glandular

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 17

TRT#: 2

SEX: Male

DAY ON TEST: 29

DOSE: 0.037 G/KG

DISP: Terminal Sacrifice

HISTO: mb150g-17

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Large, Cecum

* Nose

* Stomach, Forestomach

* Stomach, Glandular

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 18	TRT#: 2	SEX: Male	DAY ON TEST: 29
	DOSE: 0.037 G/KG	DISP: Terminal Sacrifice	HISTO: mb150g-18

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Large, Cecum	* Stomach, Forestomach	* Stomach, Glandular
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OBSERVATIONS

* Nose	Inflammation	Mild
Respirat Epith	Metaplasia	Squamous, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 19

TRT#: 2

SEX: Male

DAY ON TEST: 29

DOSE: 0.037 G/KG

DISP: Terminal Sacrifice

HISTO: mb150g-19

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Large, Cecum

* Nose

* Stomach, Forestomach

* Stomach, Glandular

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 20	TRT#: 2	SEX: Male	DAY ON TEST: 29
	DOSE: 0.037 G/KG	DISP: Terminal Sacrifice	HISTO: mb150g-20

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Nose	* Stomach, Forestomach	* Stomach, Glandular
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OBSERVATIONS

* Intestine Large, Cecum	Inflammation	Minimal
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 21	TRT#: 3	SEX: Male	DAY ON TEST: 29
	DOSE: 0.075 G/KG	DISP: Terminal Sacrifice	HISTO: mb150g-21

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Nose	* Stomach, Forestomach	* Stomach, Glandular	* Testes
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OBSERVATIONS

* Intestine Large, Cecum	Inflammation	Minimal
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 22	TRT#: 3	SEX: Male	DAY ON TEST: 29
	DOSE: 0.075 G/KG	DISP: Terminal Sacrifice	HISTO: mb150g-22

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Large, Cecum	* Nose	* Stomach, Forestomach	* Stomach, Glandular
* Testes			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 23	TRT#: 3	SEX: Male	DAY ON TEST: 29
	DOSE: 0.075 G/KG	DISP: Terminal Sacrifice	HISTO: mb150g-23

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Large, Cecum	* Stomach, Forestomach	* Stomach, Glandular	* Testes
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OBSERVATIONS

* Nose	Olfactory Epi	Degeneration Inflammation	Mild Minimal
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 24	TRT#: 3	SEX: Male	DAY ON TEST: 29
	DOSE: 0.075 G/KG	DISP: Terminal Sacrifice	HISTO: mb150g-24

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Large, Cecum	* Nose	* Stomach, Glandular	* Testes
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OBSERVATIONS

* Stomach, Forestomach	Epithelium	Hyperkeratosis	Minimal
	Epithelium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 25	TRT#: 3	SEX: Male	DAY ON TEST: 29
	DOSE: 0.075 G/KG	DISP: Terminal Sacrifice	HISTO: mb150g-25

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Large, Cecum	* Nose	* Stomach, Forestomach	* Stomach, Glandular
* Testes			

OBSERVATIONS

Liver	Hepatodiaphragmatic Nodule	Mild
[Hepatodiaphragmatic Nodule TGLS = 1-5]		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 26	TRT#: 3	SEX: Male	DAY ON TEST: 29
	DOSE: 0.075 G/KG	DISP: Terminal Sacrifice	HISTO: mb150g-26

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Nose	* Stomach, Glandular	* Testes
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OBSERVATIONS

* Intestine Large, Cecum		Inflammation	Minimal
* Stomach, Forestomach	Epithelium	Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 27	TRT#: 3	SEX: Male	DAY ON TEST: 29
	DOSE: 0.075 G/KG	DISP: Terminal Sacrifice	HISTO: mb150g-27

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Nose	* Stomach, Forestomach	* Stomach, Glandular	* Testes
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OBSERVATIONS

* Intestine Large, Cecum	Inflammation	Minimal
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 28

TRT#: 3

SEX: Male

DAY ON TEST: 29

DOSE: 0.075 G/KG

DISP: Terminal Sacrifice

HISTO: mb150g-28

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Large, Cecum

* Nose

* Stomach, Forestomach

* Stomach, Glandular

* Testes

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 29	TRT#: 3	SEX: Male	DAY ON TEST: 29
	DOSE: 0.075 G/KG	DISP: Terminal Sacrifice	HISTO: mb150g-29

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Nose	* Stomach, Glandular	* Testes
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OBSERVATIONS

* Intestine Large, Cecum		Inflammation	Minimal
* Stomach, Forestomach	Epithelium	Hyperkeratosis	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 30	TRT#: 3	SEX: Male	DAY ON TEST: 29
	DOSE: 0.075 G/KG	DISP: Terminal Sacrifice	HISTO: mb150g-30

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Large, Cecum	* Stomach, Glandular	* Testes
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OBSERVATIONS

* Nose	Olfactory Epi	Degeneration	Mild
		Inflammation	Mild
* Stomach, Forestomach	Epithelium	Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 31	TRT#: 4	SEX: Male	DAY ON TEST: 29
	DOSE: 0.150 G/KG	DISP: Terminal Sacrifice	HISTO: mb150g-31

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Large, Cecum	* Nose	* Stomach, Glandular	* Testes
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OBSERVATIONS

* Stomach, Forestomach	Epithelium	Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 32	TRT#: 4	SEX: Male	DAY ON TEST: 9
	DOSE: 0.150 G/KG	DISP: Moribund Sacrifice	HISTO: mb150g-32

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Epididymis	Esophagus
Heart	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	Preputial Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
* Stomach, Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Pituitary Gland

OBSERVATIONS

* Intestine Large, Cecum		Inflammation	Minimal
* Nose	Olfactory Epi	Degeneration	Moderate
		Inflammation	Moderate
[Inflammation TGLS = 1-11]			
* Stomach, Forestomach	Epithelium	Hyperkeratosis	Mild
* Testes		Degeneration	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 33	TRT#: 4	SEX: Male	DAY ON TEST: 29
	DOSE: 0.150 G/KG	DISP: Terminal Sacrifice	HISTO: mb150g-33

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Large, Cecum	* Stomach, Glandular	* Testes
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OBSERVATIONS

* Nose		Inflammation	Mild
	Respirat Epith	Metaplasia	Squamous, Mild
* Stomach, Forestomach	Epithelium	Hyperkeratosis	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 35	TRT#: 4	SEX: Male	DAY ON TEST: 29
	DOSE: 0.150 G/KG	DISP: Terminal Sacrifice	HISTO: mb150g-35

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Large, Cecum	* Stomach, Glandular	* Testes
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OBSERVATIONS

* Nose		Inflammation	Mild
* Stomach, Forestomach	Epithelium	Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 36	TRT#: 4 DOSE: 0.150 G/KG	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: mb150g-36
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Nose	* Stomach, Glandular	* Testes	Thymus
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OBSERVATIONS

* Intestine Large, Cecum		Inflammation	Minimal
* Stomach, Forestomach	Epithelium	Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 37

TRT#: 4

SEX: Male

DAY ON TEST: 9

DOSE: 0.150 G/KG

DISP: Moribund Sacrifice

HISTO: mb150g-37

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex	Adrenal Medulla	Blood Vessel	Bone
Bone Marrow	Brain	Epididymis	Esophagus
Heart	Intestine Large, Rectum	Intestine Small, Duodenum	Kidney
Liver	Lung	Lymph Node, Mesenteric	Pancreas
Pituitary Gland	Preputial Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	* Stomach, Glandular	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

* Intestine Large, Cecum		Inflammation	Minimal
Intestine Large, Colon		Inflammation	Mild
Intestine Small, Ileum		Inflammation	Mild
Intestine Small, Jejunum		Inflammation	Mild
Lymph Node, Mandibular		Hemorrhage	Minimal
		Hyperplasia	Plasma Cell, Mild
* Nose	Olfactory Epi	Degeneration	Marked
	Respirat Epith	Degeneration	Moderate
		Inflammation	Marked
[Inflammation TGLS = 4-11]			
Spleen		Atrophy	Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Minimal
* Testes		Degeneration	Mild
Thymus		Atrophy	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 38	TRT#: 4	SEX: Male	DAY ON TEST: 29
	DOSE: 0.150 G/KG	DISP: Terminal Sacrifice	HISTO: mb150g-38

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Large, Cecum	* Nose	* Stomach, Glandular	* Testes
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OBSERVATIONS

* Stomach, Forestomach	Epithelium	Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 39	TRT#: 4	SEX: Male	DAY ON TEST: 29
	DOSE: 0.150 G/KG	DISP: Terminal Sacrifice	HISTO: mb150g-39

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Nose	* Stomach, Glandular	* Testes
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OBSERVATIONS

* Intestine Large, Cecum		Inflammation	Minimal
* Stomach, Forestomach	Epithelium	Hyperkeratosis	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 41	TRT#: 5	SEX: Male	DAY ON TEST: 29
	DOSE: 0.300 G/KG	DISP: Terminal Sacrifice	HISTO: mb150g-41

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Intestine Large, Cecum		Inflammation	Minimal
* Liver		Inflammation	Minimal
	Centrilobular	Vacuolization Cytoplasmic	Minimal
* Stomach, Forestomach	Epithelium	Hyperkeratosis	Moderate
	Epithelium	Hyperplasia	Moderate
		Inflammation	Moderate
Note: The mucosa is totally missing over the inflammation. The change, however, is not ulceration.			
* Thymus		Hemorrhage	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 42	TRT#: 5	SEX: Male	DAY ON TEST: 29
	DOSE: 0.300 G/KG	DISP: Terminal Sacrifice	HISTO: mb150g-42

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Heart	* 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	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder		

OBSERVATIONS

* Epididymis			
Note: Very few normal, mature sperm are present.			
* Intestine Large, Cecum		Inflammation	Minimal
* Lung		Hemorrhage	Minimal
* Stomach, Forestomach	Epithelium	Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Moderate
		Ulcer	Marked
* Testes		Degeneration	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 43	TRT#: 5	SEX: Male	DAY ON TEST: 29
	DOSE: 0.300 G/KG	DISP: Terminal Sacrifice	HISTO: mb150g-43

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Heart	* 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
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Stomach, Glandular	* Testes
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Intestine Large, Cecum		Inflammation	Minimal
* Sem Ves			
Note: The gland is depleted of secretion.			
* Stomach, Forestomach	Epithelium	Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01

Test Type: 18-33 DAYS

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Bromo-beta-nitrostyrene

CAS Number: 7166-19-0

Date Report Requested: 10/18/2014

Time Report Requested: 20:37:09

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 44

TRT#: 5

SEX: Male

DAY ON TEST: 29

DOSE: 0.300 G/KG

DISP: Terminal Sacrifice

HISTO: mb150g-44

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Heart	* 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	* Pituitary Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Stomach, Glandular	* Testes	* Thyroid Gland	* Trachea
* Urinary Bladder			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Intestine Large, Cecum		Inflammation	Minimal
* Lung		Hemorrhage	Minimal
* Stomach, Forestomach	Epithelium	Hyperkeratosis	Minimal
	Epithelium	Hyperplasia	Mild
* Thymus		Hemorrhage	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 45

TRT#: 5

SEX: Male

DAY ON TEST: 14

DOSE: 0.300 G/KG

DISP: Natural Death

HISTO: mb150g-45

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow	Myeloid Cell	Hyperplasia	Mild
* Intestine Large, Cecum		Inflammation	Minimal
* Liver	Centrilobular	Necrosis	Moderate
Note: The necrosis was probably a result of hypostatic congestion.			
* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Nose		Inflammation	Marked
		Necrosis	Marked
* Sem Ves			
Note: The seminal vesicles are depleted of secretion.			
* Spleen		Congestion	Mild
[Congestion TGLS = 1-13]			
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
		Inflammation	Marked
		Necrosis	Mild
Note: While some mucosa is missing over the inflammation, the change is not an ulcer. The inflammation appears to begin just under the mucosa.			
* Thymus		Hemorrhage	Minimal
[Hemorrhage TGLS = 4-3]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 46

TRT#: 5

SEX: Male

DAY ON TEST: 29

DOSE: 0.300 G/KG

DISP: Terminal Sacrifice

HISTO: mb150g-46

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Intestine Large, Cecum		Inflammation	Minimal
* Lymph Node, Mandibular		Hemorrhage	Mild
* Stomach, Forestomach	Epithelium	Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Moderate
		Inflammation	Minimal
		Ulcer	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01

Test Type: 18-33 DAYS

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Bromo-beta-nitrostyrene

CAS Number: 7166-19-0

Date Report Requested: 10/18/2014

Time Report Requested: 20:37:09

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 47

TRT#: 5

SEX: Male

DAY ON TEST: 29

DOSE: 0.300 G/KG

DISP: Terminal Sacrifice

HISTO: mb150g-47

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Epididymis	* Esophagus	* Heart
* 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
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Parathyroid Gland	* Pituitary Gland
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OBSERVATIONS

* Bone Marrow		Depletion Cellular	Mild
* Intestine Large, Cecum		Inflammation	Minimal
* Nose	Olfactory Epi	Degeneration	Marked
		Inflammation	Mild
* Preputial Gland		Inflammation	Mild
* Stomach, Forestomach	Epithelium	Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 48	TRT#: 5	SEX: Male	DAY ON TEST: 29
	DOSE: 0.300 G/KG	DISP: Terminal Sacrifice	HISTO: mb150g-48

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Lymph Node, Mandibular		Hyperplasia	Lymphoid, Mild
* Lymph Node, Mesenteric		Hemorrhage	Minimal
* Stomach, Forestomach	Epithelium	Hyperkeratosis	Moderate
	Epithelium	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01

Test Type: 18-33 DAYS

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Bromo-beta-nitrostyrene

CAS Number: 7166-19-0

Date Report Requested: 10/18/2014

Time Report Requested: 20:37:09

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 49

TRT#: 5

SEX: Male

DAY ON TEST: 29

DOSE: 0.300 G/KG

DISP: Terminal Sacrifice

HISTO: mb150g-49

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Heart
* 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	* Nose
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Glandular	* Testes	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Esophagus

OBSERVATIONS

* Intestine Large, Cecum		Inflammation	Minimal
* Stomach, Forestomach		Foreign Body	Mild
	Epithelium	Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Moderate
		Ulcer	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 50

TRT#: 5

SEX: Male

DAY ON TEST: 29

DOSE: 0.300 G/KG

DISP: Terminal Sacrifice

HISTO: mb150g-50

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow	Myeloid Cell	Depletion Cellular	Mild
* Heart		Inflammation	Mild
* Intestine Large, Cecum		Inflammation	Minimal
* Lymph Node, Mesenteric		Hemorrhage	Mild
* Stomach, Forestomach	Epithelium	Hyperkeratosis	Minimal
	Epithelium	Hyperplasia	Mild
		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 51

TRT#: 6

SEX: Male

DAY ON TEST: 6

DOSE: 0.600 G/KG

DISP: Moribund Sacrifice

HISTO: mb150g-51

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Bone Marrow	Depletion Cellular	Mild
* Epididymis Note: Very few sperm are present.		
* Intestine Large, Cecum	Inflammation	Mild
* Lymph Node, Mesenteric	Hemorrhage	Moderate
* Prostate Note: The gland is depleted of secretion.		
* Sem Ves Note: The gland is depleted of secretion.		
* Stomach, Forestomach	Hemorrhage	Mild
	Inflammation	Marked
	Necrosis	Marked
[Hemorrhage TGLS = 1-4]		
[Inflammation TGLS = 1-4]		
[Necrosis TGLS = 1-4]		
* Stomach, Glandular	Inflammation	Minimal
* Thymus	Atrophy	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 52

TRT#: 6

SEX: Male

DAY ON TEST: 6

DOSE: 0.600 G/KG

DISP: Moribund Sacrifice

HISTO: mb150g-52

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Epididymis		
Note: Virtually no mature sperm are present.		
* Intestine Large, Cecum	Inflammation	Moderate
* Lymph Node, Mesenteric	Hemorrhage	Moderate
* Prostate		
Note: The gland is depleted of secretion.		
* Sem Ves		
Note: The gland is depleted of secretion.		
* Stomach, Forestomach	Hemorrhage	Moderate
	Inflammation	Marked
	Necrosis	Marked
Note: Ulcer and inflammation has perforated forestomach.		
[Hemorrhage TGLS = 2-4,13]		
[Inflammation TGLS = 2-4,13]		
[Necrosis TGLS = 2-4,13]		
* Stomach, Glandular	Inflammation	Minimal
* Testes	Degeneration	Moderate
* Thymus	Atrophy	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 53

TRT#: 6

SEX: Male

DAY ON TEST: 5

DOSE: 0.600 G/KG

DISP: Natural Death

HISTO: mb150g-53

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Liver	* Lymph Node, Mandibular	* Mammary Gland	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Preputial Gland	* Salivary Glands
* Seminal Vesicle	* Skin	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Epididymis			
Note: Virtually no normal sperm are present. Hypospermia unavailable as diagnosis.			
* Lung		Hemorrhage	Minimal
* Lymph Node, Mesenteric		Hemorrhage	Moderate
* Nose		Inflammation	Moderate
* Prostate		Inflammation	Mild
* Sem Ves			
Note: The gland is depleted of secretion.			
* Spleen	Lymph Follic	Depletion Cellular	Moderate
* Stomach, Forestomach		Hemorrhage	Minimal
		Inflammation	Marked
[Inflammation TGLS = 2-4]			
* Stomach, Glandular		Inflammation	Minimal
* Testes		Degeneration	Marked
* Thymus		Atrophy	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01

Test Type: 18-33 DAYS

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Bromo-beta-nitrostyrene

CAS Number: 7166-19-0

Date Report Requested: 10/18/2014

Time Report Requested: 20:37:09

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 54

TRT#: 6

SEX: Male

DAY ON TEST: 6

DOSE: 0.600 G/KG

DISP: Moribund Sacrifice

HISTO: mb150g-54

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* 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
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Seminal Vesicle
* Skin	* Spleen	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Epididymis Note: No mature sperm are present.			
* Liver	Congestion		Mild
* Lymph Node, Mesenteric	Hemorrhage		Moderate
* Pancreas Note: The inflammation of the pancreas resulted from the transmural inflammation and necrosis of the forestomach.	Inflammation		Moderate
* Preputial Gland	Inflammation		Mild
* Prostate	Inflammation		Mild
* Sem Ves Note: The gland is depleted of secretion.			
* Stomach, Forestomach	Hemorrhage		Mild
	Inflammation		Marked
	Necrosis		Moderate
* Stomach, Glandular	Inflammation		Mild
* Testes	Degeneration		Marked
* Thymus	Atrophy		Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 55

TRT#: 6

SEX: Male

DAY ON TEST: 2

DOSE: 0.600 G/KG

DISP: Natural Death

HISTO: mb150g-55

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular

AUTO PRECLUDES DIAG.

* Intestine Small, Jejunum

OBSERVATIONS

* Bone Marrow		Hyperplasia	Moderate
* Epididymis			
Note: Virtually no mature sperm are present.			
* Nose		Inflammation	Marked
* Preputial Gland		Inflammation	Minimal
* Prostate			
Note: The gland is depleted of secretion.			
* Sem Ves			
Note: The gland is depleted of secretion.			
* Spleen	Lymph Follic	Depletion Cellular	Moderate
* Stomach, Forestomach		Inflammation	Mild
* Testes		Degeneration	Marked
* Thymus		Hemorrhage	Mild
		Necrosis	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 56

TRT#: 6

SEX: Male

DAY ON TEST: 2

DOSE: 0.600 G/KG

DISP: Natural Death

HISTO: mb150g-56

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Epididymis	* Esophagus	* 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	* Pituitary Gland	* Preputial Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder			

OBSERVATIONS

* Brain Note: The change is postmortem.	Congestion	Minimal
* Epididymis Note: Virtually no mature sperm are present.		
* Lung Note: Postmortem change.	Congestion	Mild
* Prostate Note: The gland is actually depleted of secretion.		
* Sem Ves Note: The gland is actually depleted of secretion.		
* Stomach, Forestomach Note: The squamous mucosa has been detached. There is inflammation and edema along the submucosa indicating the change was antemortem.	Inflammation	Mild
* Testes	Degeneration	Marked
* Thymus	Hemorrhage	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 57	TRT#: 6 DOSE: 0.600 G/KG	SEX: Male DISP: Natural Death	DAY ON TEST: 2 HISTO: mb150g-57
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* Heart	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Kidney
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	

AUTO PRECLUDES DIAG.

* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Epididymis Note: Virtually no sperm are present.			
* Lung Note: Postmortem change.	Congestion		Minimal
* Preputial Gland	Inflammation		Mild
* Prostate Note: The gland is partially depleted of secretion.			
* Sem Ves Note: The gland is partially depleted of secretion.			
* Testes	Degeneration		Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 58

TRT#: 6

SEX: Male

DAY ON TEST: 2

DOSE: 0.600 G/KG

DISP: Natural Death

HISTO: mb150g-58

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* 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	* Nose
* Pancreas	* Parathyroid Gland	* Preputial Gland	* Prostate
* Salivary Glands	* Seminal Vesicle	* Skin	* Spleen
* Thyroid Gland	* Trachea	* Urinary Bladder	

MISSING

* Mammary Gland	* Pituitary Gland
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OBSERVATIONS

* Brain Note: Postmortem change is present.		
* Epididymis Note: Virtually no mature sperm are present.		
* Lung	Congestion Hemorrhage	Mild Minimal
* Sem Ves Note: The gland is depleted of secretion.		
* Stomach, Forestomach Note: The forestomach mucosa is separated from the mucosa by edema and hemorrhage. [Hemorrhage TGLS = 2-13]	Hemorrhage Inflammation	Moderate Moderate
* Stomach, Glandular	Congestion	Minimal
* Testes	Degeneration	Marked
* Thymus [Hemorrhage TGLS = 4-3]	Hemorrhage	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01

Test Type: 18-33 DAYS

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Bromo-beta-nitrostyrene

CAS Number: 7166-19-0

Date Report Requested: 10/18/2014

Time Report Requested: 20:37:09

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 59

TRT#: 6

SEX: Male

DAY ON TEST: 2

DOSE: 0.600 G/KG

DISP: Natural Death

HISTO: mb150g-59

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|--------------------------|--------------------------|---------------------------|-----------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Epididymis | * Esophagus |
| * Heart | * Intestine Large, Colon | * Intestine Large, Rectum | * Intestine Small, Duodenum |
| * Intestine Small, Ileum | * Kidney | * Liver | * Lymph Node, Mandibular |
| * Lymph Node, Mesenteric | * Mammary Gland | * Pancreas | * Parathyroid Gland |
| * Preputial Gland | * Prostate | * Salivary Glands | * Seminal Vesicle |
| * Skin | * Spleen | * Stomach, Glandular | * Thyroid Gland |
| * Trachea | * Urinary Bladder | | |

MISSING

- * Pituitary Gland

AUTO PRECLUDES DIAG.

- * Intestine Large, Cecum
- * Intestine Small, Jejunum

OBSERVATIONS

- * Epididymis
 - Note: Virtually no sperm are present.
- * Lung

Congestion	Mild
Hemorrhage	Mild
Inflammation	Minimal
- * Nose

Congestion	Moderate
Inflammation	Mild
Necrosis	Moderate
- * Prostate
 - Note: The gland is partially depleted of secretion.
- * Stomach, Forestomach

Inflammation	Minimal
--------------	---------

 - Note: The squamous mucosa is partially detached from the underlying submucosa. Eosinophilic material is beneath the mucosa, but no inflammation is present.
- * Testes

Degeneration	Marked
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- * Thymus

Hemorrhage	Moderate
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 60	TRT#: 6	SEX: Male	DAY ON TEST: 2
	DOSE: 0.600 G/KG	DISP: Moribund Sacrifice	HISTO: mb150g-60

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Esophagus
* 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
* Prostate	* Salivary Glands	* Seminal Vesicle	* Skin
* Spleen	* Thyroid Gland	* Trachea	* Urinary Bladder

OBSERVATIONS

* Epididymis Note: Virtually no sperm are present.		
* Nose	Congestion	Moderate
	Inflammation	Marked
	Necrosis	Marked
* Preputial Gland	Inflammation	Moderate
* Sem Ves Note: The gland is depleted of secretion.		
* Stomach, Forestomach	Hemorrhage	Mild
	Inflammation	Mild
Note: The mucosa has completely detached from the underlying mucosa and is, for the most part, missing. Eosinophilic material is present along the exposed submucosa [Hemorrhage TGLS = 2-13]		
* Stomach, Glandular	Hemorrhage	Minimal
* Testes	Degeneration	Marked
* Thymus	Hemorrhage	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 61

TRT#: 7

SEX: Female

DAY ON TEST: 29

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: mb150g-61

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Kidney	Mineralization	Minimal
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 62

TRT#: 7

SEX: Female

DAY ON TEST: 29

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: mb150g-62

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Clitoral Gland	Inflammation	Minimal
* Kidney	Mineralization	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 63

TRT#: 7

SEX: Female

DAY ON TEST: 29

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: mb150g-63

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Bone Marrow
* Heart
* Intestine Small, Duodenum
* Liver
* Mammary Gland
* Parathyroid Gland
* Spleen
* Thyroid Gland

* Adrenal Medulla
* Brain
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lung
* Nose
* Pituitary Gland
* Stomach, Forestomach
* Trachea

* Blood Vessel
* Clitoral Gland
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mandibular
* Ovary
* Salivary Glands
* Stomach, Glandular
* Urinary Bladder

* Bone
* Esophagus
* Intestine Large, Rectum
* Kidney
* Lymph Node, Mesenteric
* Pancreas
* Skin
* Thymus
* Uterus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 64

TRT#: 7

SEX: Female

DAY ON TEST: 29

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: mb150g-64

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Bone Marrow
* Heart
* Intestine Small, Duodenum
* Liver
* Mammary Gland
* Pituitary Gland
* Stomach, Forestomach
* Trachea

* Adrenal Medulla
* Brain
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lung
* Nose
* Salivary Glands
* Stomach, Glandular
* Urinary Bladder

* Blood Vessel
* Clitoral Gland
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mandibular
* Ovary
* Skin
* Thymus
* Uterus

* Bone
* Esophagus
* Intestine Large, Rectum
* Kidney
* Lymph Node, Mesenteric
* Pancreas
* Spleen
* Thyroid Gland

MISSING

* Parathyroid Gland

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01

Test Type: 18-33 DAYS

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Bromo-beta-nitrostyrene

CAS Number: 7166-19-0

Date Report Requested: 10/18/2014

Time Report Requested: 20:37:09

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 65

TRT#: 7

SEX: Female

DAY ON TEST: 29

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: mb150g-65

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Cortex
- * Bone Marrow
- * Intestine Large, Cecum
- * Intestine Small, Ileum
- * Lung
- * Nose
- * Pituitary Gland
- * Stomach, Forestomach
- * Trachea

- * Adrenal Medulla
- * Brain
- * Intestine Large, Colon
- * Intestine Small, Jejunum
- * Lymph Node, Mandibular
- * Ovary
- * Salivary Glands
- * Stomach, Glandular
- * Urinary Bladder

- * Blood Vessel
- * Esophagus
- * Intestine Large, Rectum
- * Kidney
- * Lymph Node, Mesenteric
- * Pancreas
- * Skin
- * Thymus

- * Bone
- * Heart
- * Intestine Small, Duodenum
- * Liver
- * Mammary Gland
- * Parathyroid Gland
- * Spleen
- * Thyroid Gland

OBSERVATIONS

- * Clitoral Gland
- * Uterus

Bilateral

Inflammation
Hydrometra

Minimal
Mild

[Hydrometra TGLS = 1-9]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 67

TRT#: 7

SEX: Female

DAY ON TEST: 29

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: mb150g-67

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Bone Marrow
* Heart
* Intestine Small, Duodenum
* Liver
* Mammary Gland
* Parathyroid Gland
* Spleen
* Thyroid Gland

* Adrenal Medulla
* Brain
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lung
* Nose
* Pituitary Gland
* Stomach, Forestomach
* Trachea

* Blood Vessel
* Clitoral Gland
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mandibular
* Ovary
* Salivary Glands
* Stomach, Glandular
* Urinary Bladder

* Bone
* Esophagus
* Intestine Large, Rectum
* Kidney
* Lymph Node, Mesenteric
* Pancreas
* Skin
* Thymus
* Uterus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 68	TRT#: 7	SEX: Female	DAY ON TEST: 29
	DOSE: CONTROL	DISP: Terminal Sacrifice	HISTO: mb150g-68

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Clitoral Gland		Inflammation	Minimal
* Nose		Foreign Body	Mild
		Inflammation	Mild
* Uterus	Bilateral	Hydrometra	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 69

TRT#: 7

SEX: Female

DAY ON TEST: 29

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: mb150g-69

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Heart	Inflammation	Mild
* Kidney	Mineralization	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 70

TRT#: 7

SEX: Female

DAY ON TEST: 29

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: mb150g-70

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex
* Bone Marrow
* Heart
* Intestine Small, Duodenum
* Liver
* Mammary Gland
* Parathyroid Gland
* Spleen
* Thyroid Gland

* Adrenal Medulla
* Brain
* Intestine Large, Cecum
* Intestine Small, Ileum
* Lung
* Nose
* Pituitary Gland
* Stomach, Forestomach
* Trachea

* Blood Vessel
* Clitoral Gland
* Intestine Large, Colon
* Intestine Small, Jejunum
* Lymph Node, Mandibular
* Ovary
* Salivary Glands
* Stomach, Glandular
* Urinary Bladder

* Bone
* Esophagus
* Intestine Large, Rectum
* Kidney
* Lymph Node, Mesenteric
* Pancreas
* Skin
* Thymus
* Uterus

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 71

TRT#: 8

SEX: Female

DAY ON TEST: 29

DOSE: 0.037

DISP: Terminal Sacrifice

HISTO: mb150g-71

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large, Cecum

* Nose

Stomach, Forestomach

Stomach, Glandular

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 72	TRT#: 8 DOSE: 0.037	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: mb150g-72
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Intestine Large, Cecum	* Nose	Stomach, Forestomach	Stomach, Glandular
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 73

TRT#: 8
DOSE: 0.037

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 29
HISTO: mb150g-73

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large, Cecum

* Nose

Stomach, Forestomach

Stomach, Glandular

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 74	TRT#: 8 DOSE: 0.037	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: mb150g-74
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large, Cecum

Stomach, Forestomach

Stomach, Glandular

OBSERVATIONS

* Nose

Olfactory Epi

Degeneration

Moderate

Inflammation

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 75	TRT#: 8 DOSE: 0.037	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: mb150g-75
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large, Cecum

Stomach, Forestomach

Stomach, Glandular

OBSERVATIONS

* Nose

Olfactory Epi
Respirat Epith

Degeneration
Degeneration
Inflammation

Moderate
Mild
Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 76	TRT#: 8 DOSE: 0.037	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: mb150g-76
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large, Cecum	* Nose	Stomach, Forestomach	Stomach, Glandular
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OBSERVATIONS

Liver		Hepatodiaphragmatic Nodule	Moderate
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[Hepatodiaphragmatic Nodule TGLS = 1-12]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 77	TRT#: 8 DOSE: 0.037	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: mb150g-77
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large, Cecum	* Nose	Stomach, Forestomach	Stomach, Glandular
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OBSERVATIONS

Uterus [Hydrometra TGLS = 1-9]	Bilateral	Hydrometra	Mild
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PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 78	TRT#: 8 DOSE: 0.037	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: mb150g-78
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large, Cecum	Stomach, Forestomach	Stomach, Glandular
------------------------	----------------------	--------------------

OBSERVATIONS

* Nose	Olfactory Epi	Degeneration Inflammation	Mild Minimal
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 79	TRT#: 8 DOSE: 0.037	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 29 HISTO: mb150g-79
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Intestine Large, Cecum	* Nose	Stomach, Forestomach	Stomach, Glandular
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 80

TRT#: 8
DOSE: 0.037

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 29
HISTO: mb150g-80

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large, Cecum

* Nose

Stomach, Forestomach

Stomach, Glandular

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 81	TRT#: 9	SEX: Female	DAY ON TEST: 29
	DOSE: 0.075 G/KG	DISP: Terminal Sacrifice	HISTO: mb150g-81

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large, Cecum	* Stomach, Forestomach	Stomach, Glandular
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OBSERVATIONS

* Nose		Inflammation	Mild
	Respirat Epith	Necrosis	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 82	TRT#: 9	SEX: Female	DAY ON TEST: 29
	DOSE: 0.075 G/KG	DISP: Terminal Sacrifice	HISTO: mb150g-82

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large, Cecum	* Nose	* Stomach, Forestomach	Stomach, Glandular
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PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 83	TRT#: 9	SEX: Female	DAY ON TEST: 29
	DOSE: 0.075 G/KG	DISP: Terminal Sacrifice	HISTO: mg150g-83

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large, Cecum	* Stomach, Forestomach	Stomach, Glandular
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OBSERVATIONS

* Nose		Inflammation	Mild
	Olfactory Epi	Metaplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 84

TRT#: 9

SEX: Female

DAY ON TEST: 29

DOSE: 0.075 G/KG

DISP: Terminal Sacrifice

HISTO: mb150g-84

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large, Cecum

* Nose

* Stomach, Forestomach

Stomach, Glandular

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 85	TRT#: 9	SEX: Female	DAY ON TEST: 29
	DOSE: 0.075 G/KG	DISP: Terminal Sacrifice	HISTO: mb150g-85

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large, Cecum	* Nose	* Stomach, Forestomach	Stomach, Glandular
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PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 86	TRT#: 9	SEX: Female	DAY ON TEST: 29
	DOSE: 0.075 G/KG	DISP: Terminal Sacrifice	HISTO: mb150g-86

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large, Cecum	* Nose	* Stomach, Forestomach	Stomach, Glandular
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OBSERVATIONS

Liver	Hepatodiaphragmatic Nodule	Mild
[Hepatodiaphragmatic Nodule TGLS = 1-12]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 87	TRT#: 9	SEX: Female	DAY ON TEST: 29
	DOSE: 0.075 G/KG	DISP: Terminal Sacrifice	HISTO: mb150g-87

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large, Cecum

* Stomach, Forestomach

Stomach, Glandular

OBSERVATIONS

* Nose

Respirat Epith

Degeneration

Moderate

Inflammation

Mild

Respirat Epith

Metaplasia

Squamous, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 88	TRT#: 9	SEX: Female	DAY ON TEST: 29
	DOSE: 0.075 G/KG	DISP: Terminal Sacrifice	HISTO: mb150g-88

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large, Cecum	* Stomach, Forestomach	Stomach, Glandular
------------------------	------------------------	--------------------

OBSERVATIONS

Liver	Hepatodiaphragmatic Nodule	Moderate
[Hepatodiaphragmatic Nodule TGLS = 1-12]		
* Nose	Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 89	TRT#: 9	SEX: Female	DAY ON TEST: 29
	DOSE: 0.075 G/KG	DISP: Terminal Sacrifice	HISTO: mb150g-89

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Intestine Large, Cecum	* Nose	* Stomach, Forestomach	Stomach, Glandular
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OBSERVATIONS

Liver	Hepatodiaphragmatic Nodule	Minimal
[Hepatodiaphragmatic Nodule TGLS = 1-12]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 90	TRT#: 9	SEX: Female	DAY ON TEST: 29
	DOSE: 0.075 G/KG	DISP: Terminal Sacrifice	HISTO: mb150g-90

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL			
Intestine Large, Cecum	* Nose	* Stomach, Forestomach	Stomach, Glandular
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 91	TRT#: 10	SEX: Female	DAY ON TEST: 29
	DOSE: 0.150 G/KG	DISP: Terminal Sacrifice	HISTO: mb150g-91

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Large, Cecum	* Nose	* Stomach, Glandular
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OBSERVATIONS

* Stomach, Forestomach	Epithelium	Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 92	TRT#: 10	SEX: Female	DAY ON TEST: 29
	DOSE: 0.150 G/KG	DISP: Terminal Sacrifice	HISTO: mb150g-92

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Large, Cecum * Stomach, Glandular

OBSERVATIONS

* Nose		Inflammation	Mild
	Olfactory Epi	Metaplasia	Mild
	Respirat Epith	Metaplasia	Squamous, Mild
* Stomach, Forestomach	Epithelium	Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 93	TRT#: 10	SEX: Female	DAY ON TEST: 29
	DOSE: 0.150 G/KG	DISP: Terminal Sacrifice	HISTO: mb150g-93

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Large, Cecum * Stomach, Glandular

OBSERVATIONS

* Nose		Inflammation	Moderate
	Respirat Epith	Metaplasia	Squamous, Minimal
	Olfactory Epi	Necrosis	Mild
* Stomach, Forestomach	Epithelium	Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 95	TRT#: 10	SEX: Female	DAY ON TEST: 29
	DOSE: 0.150 G/KG	DISP: Terminal Sacrifice	HISTO: mb150g-95

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Large, Cecum * Stomach, Glandular

OBSERVATIONS

* Nose		Inflammation	Minimal
* Stomach, Forestomach	Epithelium	Hyperkeratosis	Minimal
	Epithelium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 96	TRT#: 10	SEX: Female	DAY ON TEST: 29
	DOSE: 0.150 G/KG	DISP: Terminal Sacrifice	HISTO: mb150g-96

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Large, Cecum	* Nose	* Stomach, Glandular
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OBSERVATIONS

* Stomach, Forestomach	Epithelium	Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 97	TRT#: 10	SEX: Female	DAY ON TEST: 29
	DOSE: 0.150 G/KG	DISP: Terminal Sacrifice	HISTO: mb150g-97

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Large, Cecum * Stomach, Glandular

OBSERVATIONS

* Nose		Inflammation	Mild
	Respirat Epith	Metaplasia	Squamous, Mild
* Stomach, Forestomach	Epithelium	Hyperkeratosis	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 98	TRT#: 10	SEX: Female	DAY ON TEST: 29
	DOSE: 0.150 G/KG	DISP: Terminal Sacrifice	HISTO: mb150g-98

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Large, Cecum	* Nose	* Stomach, Glandular
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OBSERVATIONS

* Stomach, Forestomach	Epithelium	Hyperkeratosis	Minimal
	Epithelium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 99	TRT#: 10	SEX: Female	DAY ON TEST: 29
	DOSE: 0.150 G/KG	DISP: Terminal Sacrifice	HISTO: mb150g-99

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Large, Cecum * Stomach, Glandular

OBSERVATIONS

* Nose	Respirat Epith	Degeneration	Mild
		Inflammation	Mild
	Respirat Epith	Metaplasia	Squamous, Mild
* Stomach, Forestomach	Epithelium	Hyperkeratosis	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 100	TRT#: 10	SEX: Female	DAY ON TEST: 29
	DOSE: 0.150 G/KG	DISP: Terminal Sacrifice	HISTO: mb150g-100

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Intestine Large, Cecum	* Nose	* Stomach, Glandular
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OBSERVATIONS

* Stomach, Forestomach	Epithelium	Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 101

TRT#: 11
DOSE: 0.300 G/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 29
HISTO: mb150g-101

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Brain	* Esophagus	* 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	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Glandular	* Thyroid Gland
* Trachea	* Urinary Bladder	* Uterus	

OBSERVATIONS

* Bone Marrow	Myeloid Cell	Hyperplasia	Mild
* Clitoral Gland		Inflammation	Minimal
* Heart		Inflammation	Mild
* Kidney		Mineralization	Minimal
* Liver		Cytoplasmic Alteration	Moderate
* Lymph Node, Mesenteric		Hemorrhage	Moderate
* Nose	Olfactory Epi	Degeneration	Marked
	Respirat Epith	Degeneration	Marked
		Inflammation	Marked
	Respirat Epith	Metaplasia	Squamous, Moderate
		Necrosis	Moderate
* Stomach, Forestomach	Epithelium	Hyperkeratosis	Moderate
	Epithelium	Hyperplasia	Moderate
		Inflammation	Minimal
* Thymus		Atrophy	Marked

[Atrophy TGLS = 2-3]

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 102	TRT#: 11	SEX: Female	DAY ON TEST: 29
	DOSE: 0.300 G/KG	DISP: Terminal Sacrifice	HISTO: mb150g-102

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Heart
* 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	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Esophagus

OBSERVATIONS

* Intestine Large, Cecum		Inflammation	Minimal
* Lung		Hemorrhage	Minimal
* Stomach, Forestomach	Epithelium	Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Moderate
		Ulcer	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 103

TRT#: 11
DOSE: 0.300 G/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 29
HISTO: mb150g-103

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Heart	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Liver	* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Mammary Gland	* Nose	* Ovary	* Pancreas
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Glandular	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Esophagus	* Parathyroid Gland
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OBSERVATIONS

* Clitoral Gland		Inflammation	Minimal
* Intestine Large, Cecum		Inflammation	Minimal
* Kidney		Mineralization	Minimal
* Stomach, Forestomach	Epithelium	Hyperplasia	Moderate
	Epithelium	Hyperplasia	Mild
		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01

Test Type: 18-33 DAYS

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Bromo-beta-nitrostyrene

CAS Number: 7166-19-0

Date Report Requested: 10/18/2014

Time Report Requested: 20:37:09

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 104

TRT#: 11

SEX: Female

DAY ON TEST: 29

DOSE: 0.300 G/KG

DISP: Terminal Sacrifice

HISTO: mb150g-104

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Clitoral Gland		Inflammation	Minimal
* Kidney		Mineralization	Minimal
* Stomach, Forestomach	Epithelium	Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Moderate
		Inflammation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 105

TRT#: 11
DOSE: 0.300 G/KG

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST: 6
HISTO: mb150g-105

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Brain
* Esophagus	* Heart	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Ovary	* Pancreas	* Pituitary Gland	* Skin
* Stomach, Glandular	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland	* Salivary Glands
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OBSERVATIONS

* Adrenal Medulla		Degeneration	Moderate
* Bone Marrow		Depletion Cellular	Moderate
		Hemorrhage	Moderate
* Clitoral Gland		Inflammation	Marked
* Intestine Large, Cecum		Inflammation	Minimal
* Kidney		Mineralization	Mild
* Liver		Congestion	Moderate
* Lymph Node, Mesenteric		Atrophy	Mild
* Nose		Inflammation	Marked
		Necrosis	Marked
* Spleen		Atrophy	Moderate
* Stomach, Forestomach	Epithelium	Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Mild
		Inflammation	Moderate
		Ulcer	Marked
[Ulcer TGLS = 1-4]			
* Thymus		Necrosis	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01

Test Type: 18-33 DAYS

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Bromo-beta-nitrostyrene

CAS Number: 7166-19-0

Date Report Requested: 10/18/2014

Time Report Requested: 20:37:09

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 106

TRT#: 11

SEX: Female

DAY ON TEST: 29

DOSE: 0.300 G/KG

DISP: Terminal Sacrifice

HISTO: mb150g-106

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Liver
* Lung	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Parathyroid Gland

OBSERVATIONS

* Intestine Large, Cecum		Inflammation	Minimal
* Lymph Node, Mandibular		Hemorrhage	Mild
		Hyperplasia	Lymphoid, Mild
* Stomach, Forestomach	Epithelium	Hyperplasia	Mild
		Inflammation	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01

Test Type: 18-33 DAYS

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Bromo-beta-nitrostyrene

CAS Number: 7166-19-0

Date Report Requested: 10/18/2014

Time Report Requested: 20:37:09

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 107

TRT#: 11

SEX: Female

DAY ON TEST: 29

DOSE: 0.300 G/KG

DISP: Terminal Sacrifice

HISTO: mb150g-107

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* 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
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Intestine Large, Cecum		Inflammation	Minimal
* Stomach, Forestomach	Epithelium	Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Mild
		Inflammation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 108

TRT#: 11
DOSE: 0.300 G/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 29
HISTO: mb150g-108

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney	* Liver
* Lung	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Glandular
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

OBSERVATIONS

* Intestine Large, Cecum		Inflammation	Minimal
* Nose		Inflammation	Mild
	Respirat Epith	Metaplasia	Squamous, Mild
* Stomach, Forestomach	Epithelium	Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 109

TRT#: 11
DOSE: 0.300 G/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 29
HISTO: mb150g-109

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Heart
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Liver	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Parathyroid Gland

OBSERVATIONS

* Clitoral Gland		Inflammation	Mild
* Intestine Large, Cecum		Inflammation	Minimal
* Kidney		Mineralization	Minimal
* Lung		Hemorrhage	Minimal
* Lymph Node, Mandibular		Hemorrhage	Minimal
* Nose	Olfactory Epi	Degeneration	Minimal
* Stomach, Forestomach	Epithelium	Hyperkeratosis	Moderate
	Epithelium	Hyperplasia	Mild
		Ulcer	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 110

TRT#: 11
DOSE: 0.300 G/KG

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 29
HISTO: mb150g-110

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* 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
* Ovary	* Pancreas	* Pituitary Gland	* Salivary Glands
* Skin	* Spleen	* Stomach, Glandular	* Thymus
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Parathyroid Gland

OBSERVATIONS

* Intestine Large, Cecum		Inflammation	Minimal
* Lung		Inflammation	Minimal
* Stomach, Forestomach	Epithelium	Hyperkeratosis	Mild
	Epithelium	Hyperplasia	Moderate
		Inflammation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01

Test Type: 18-33 DAYS

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Bromo-beta-nitrostyrene

CAS Number: 7166-19-0

Date Report Requested: 10/18/2014

Time Report Requested: 20:37:09

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 111

TRT#: 12

SEX: Female

DAY ON TEST: 6

DOSE: 0.600 G/KG

DISP: Moribund Sacrifice

HISTO: mb150g-111

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- | | | | |
|-----------------------------|--------------------------|----------------------------|---------------------------|
| * Adrenal Cortex | * Adrenal Medulla | * Blood Vessel | * Bone |
| * Bone Marrow | * Brain | * Clitoral Gland | * Esophagus |
| * Heart | * Intestine Large, Cecum | * Intestine Large, Colon | * Intestine Large, Rectum |
| * Intestine Small, Duodenum | * Intestine Small, Ileum | * Intestine Small, Jejunum | * Liver |
| * Lung | * Lymph Node, Mandibular | * Mammary Gland | * Nose |
| * Ovary | * Pancreas | * Parathyroid Gland | * Pituitary Gland |
| * Salivary Glands | * Skin | * Spleen | * Stomach, Glandular |
| * Thymus | * Thyroid Gland | * Trachea | * Urinary Bladder |
| * Uterus | | | |

OBSERVATIONS

- | | | |
|--------------------------|----------------|----------|
| * Kidney | Mineralization | Minimal |
| * Lymph Node, Mesenteric | Hemorrhage | Mild |
| * Stomach, Forestomach | Inflammation | Marked |
| | Necrosis | Moderate |
- [Inflammation TGLS = 1-4]
 [Necrosis TGLS = 1-4]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 112

TRT#: 12
DOSE: 0.600 G/KG

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST: 6
HISTO: mb150g-112

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver
* Lymph Node, Mandibular	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Kidney	Mineralization	Minimal
* Lung	Congestion	Mild
	Hemorrhage	Mild
* Lymph Node, Mesenteric	Hemorrhage	Mild
* Nose	Inflammation	Moderate
* Stomach, Forestomach	Inflammation	Marked
	Necrosis	Moderate
[Inflammation TGLS = 1-4]		
[Necrosis TGLS = 1-4]		
* Stomach, Glandular	Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 113

TRT#: 12
DOSE: 0.600 G/KG

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST: 6
HISTO: mb150g-113

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Salivary Glands	* Skin	* Spleen
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Adrenal Medulla	* Parathyroid Gland	* Pituitary Gland
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OBSERVATIONS

* Kidney	Mineralization	Minimal
* Lymph Node, Mesenteric	Hemorrhage	Minimal
* Stomach, Forestomach	Inflammation	Marked
	Necrosis	Moderate
[Inflammation TGLS = 1-4]		
[Necrosis TGLS = 1-4]		
* Stomach, Glandular	Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 114

TRT#: 12
DOSE: 0.600 G/KG

SEX: Female
DISP: Natural Death

DAY ON TEST: 2
HISTO: mb150g-114

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Skin	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Lung [Congestion TGLS = 2-6]	Congestion	Mild
* Stom Forestom Note: The forestomach mucosa is slightly separated from the submucosa in many areas.		
* Thymus [Hemorrhage TGLS = 3-3]	Hemorrhage Necrosis	Mild Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 115

TRT#: 12

SEX: Female

DAY ON TEST: 6

DOSE: 0.600 G/KG

DISP: Moribund Sacrifice

HISTO: mb150g-115

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* 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	* Pituitary Gland	* Salivary Glands	* Skin
* Spleen	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Clitoral Gland	Inflammation	Minimal
* Lymph Node, Mesenteric	Hemorrhage	Mild
* Pancreas	Inflammation	Moderate
Note: The inflammation around the pancreas is, no doubt, due to the perforated forestomach (transmural inflammation).		
* Stomach, Forestomach	Hemorrhage	Moderate
	Inflammation	Marked
	Necrosis	Marked
[Inflammation TGLS = 1-12]		
[Necrosis TGLS = 1-12]		
* Stomach, Glandular	Inflammation	Mild
* Thymus	Atrophy	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01

Test Type: 18-33 DAYS

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Bromo-beta-nitrostyrene

CAS Number: 7166-19-0

Date Report Requested: 10/18/2014

Time Report Requested: 20:37:09

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 116

TRT#: 12

SEX: Female

DAY ON TEST: 6

DOSE: 0.600 G/KG

DISP: Moribund Sacrifice

HISTO: mb150g-116

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Liver	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Parathyroid Gland	* Pituitary Gland	* Salivary Glands	* Skin
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

OBSERVATIONS

* Intestine Large, Cecum	Inflammation	Mild
* Kidney	Mineralization	Minimal
* Lymph Node, Mesenteric	Hemorrhage	Mild
* Pancreas	Inflammation	Moderate
Note: The inflammation in the pancreas was due to the transmural forestomach inflammation.		
* Spleen	Inflammation	Mild
Note: The inflammation on the surface of the spleen was due to the transmural forestomach inflammation.		
* Stomach, Forestomach	Hemorrhage	Moderate
	Inflammation	Marked
	Necrosis	Marked
[Hemorrhage TGLS = 1-12]		
[Inflammation TGLS = 1-12]		
[Necrosis TGLS = 1-12]		
* Stomach, Glandular	Inflammation	Minimal
* Thymus	Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01

Test Type: 18-33 DAYS

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Bromo-beta-nitrostyrene

CAS Number: 7166-19-0

Date Report Requested: 10/18/2014

Time Report Requested: 20:37:09

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 117

TRT#: 12

SEX: Female

DAY ON TEST: 2

DOSE: 0.600 G/KG

DISP: Natural Death

HISTO: mb150g-117

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Kidney
* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland
* Nose	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Skin	* Spleen	* Stomach, Glandular
* Thyroid Gland	* Trachea	* Urinary Bladder	* Uterus

MISSING

* Parathyroid Gland

OBSERVATIONS

* Lung	Congestion	Mild
Note: The change is most likely postmortem.		
* Stomach, Forestomach	Inflammation	Mild
Note: There is nearly total separation of the mucosa from the submucosa. Edema fluid underlines the mucosa.		
* Thymus	Hemorrhage	Mild
[Hemorrhage TGLS = 3-3]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01

Test Type: 18-33 DAYS

Route: GAVAGE

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: beta-Bromo-beta-nitrostyrene

CAS Number: 7166-19-0

Date Report Requested: 10/18/2014

Time Report Requested: 20:37:09

First Dose M/F: NA / NA

Lab: MBA

ANIMAL ID: 118

TRT#: 12

SEX: Female

DAY ON TEST: 6

DOSE: 0.600 G/KG

DISP: Moribund Sacrifice

HISTO: mb150g-118

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

- * Adrenal Cortex
- * Brain
- * Intestine Large, Cecum
- * Intestine Small, Ileum
- * Lymph Node, Mandibular
- * Pancreas
- * Spleen
- * Trachea

- * Blood Vessel
- * Clitoral Gland
- * Intestine Large, Colon
- * Intestine Small, Jejunum
- * Mammary Gland
- * Parathyroid Gland
- * Stomach, Glandular
- * Urinary Bladder

- * Bone
- * Esophagus
- * Intestine Large, Rectum
- * Liver
- * Nose
- * Salivary Glands
- * Thymus
- * Uterus

- * Bone Marrow
- * Heart
- * Intestine Small, Duodenum
- * Lung
- * Ovary
- * Skin
- * Thyroid Gland

MISSING

* Adrenal Medulla

* Pituitary Gland

OBSERVATIONS

- * Kidney
- * Lymph Node, Mesenteric
- * Stomach, Forestomach

- Mineralization
- Hemorrhage
- Inflammation
- Necrosis

- Minimal
- Minimal
- Marked
- Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 119

TRT#: 12
DOSE: 0.600 G/KG

SEX: Female
DISP: Moribund Sacrifice

DAY ON TEST: 6
HISTO: mb150g-119

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Blood Vessel	* Bone
* Bone Marrow	* Brain	* Clitoral Gland	* Esophagus
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Nose
* Ovary	* Pituitary Gland	* Salivary Glands	* Skin
* Thymus	* Thyroid Gland	* Trachea	* Urinary Bladder
* Uterus			

MISSING

* Parathyroid Gland

OBSERVATIONS

* Kidney		Mineralization	Minimal
* Liver		Inflammation	Mild
		Necrosis	Focal, Mild
	Centrilobular	Vacuolization Cytoplasmic	Mild
* Pancreas		Inflammation	Mild
* Spleen		Inflammation	Mild
* Stomach, Forestomach		Hemorrhage	Moderate
		Inflammation	Marked
		Necrosis	Marked
	[Hemorrhage TGLS = 1-4]		
	[Inflammation TGLS = 1-4]		
	[Necrosis TGLS = 1-4]		
* Stomach, Glandular		Inflammation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 60855-01
Test Type: 18-33 DAYS
Route: GAVAGE
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: beta-Bromo-beta-nitrostyrene
CAS Number: 7166-19-0

Date Report Requested: 10/18/2014
Time Report Requested: 20:37:09
First Dose M/F: NA / NA
Lab: MBA

ANIMAL ID: 120

TRT#: 12
DOSE: 0.600 G/KG

SEX: Female
DISP: Natural Death

DAY ON TEST: 6
HISTO: mb150g-120

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Blood Vessel	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Jejunum	* Lung
* Lymph Node, Mandibular	* Mammary Gland	* Nose	* Ovary
* Pancreas	* Parathyroid Gland	* Salivary Glands	* Skin
* Spleen	* Thymus	* Thyroid Gland	* Trachea
* Urinary Bladder	* Uterus		

MISSING

* Adrenal Medulla	* Pituitary Gland
-------------------	-------------------

AUTO PRECLUDES DIAG.

* Intestine Small, Ileum

OBSERVATIONS

* Bone Marrow	Hemorrhage	Moderate
* Heart	Hemorrhage	Mild
* Kidney	Mineralization	Minimal
* Liver	Inflammation	Mild
	Necrosis	Focal, Mild

Note: The material (to include bacteria) at the margin of the liver is from direct contact with the forestomach.

[Inflammation TGLS = 2-5]

[Necrosis TGLS = 2-5]

* Lymph Node, Mesenteric	Hemorrhage	Mild
* Stomach, Forestomach	Hemorrhage	Mild
	Inflammation	Marked
	Necrosis	Marked
* Stomach, Glandular	Inflammation	Minimal

PRIMARY CAUSE OF DEATH -

Animal Note: Most tissues are moderately to markedly autolytic.

**** END OF REPORT ****

* PROTOCOL REQUIRED TISSUE