

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

C Number: C56666
Lock Date: Not Entered.
Cage Range: All
Date Range: All
Reasons For Removal: All
Removal Date Range: All
Treatment Groups: All
Study Gender: Both
PWG Approval Date: 10/12/1988

Experiment Number: 05080-01
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P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7101 TRT#: 3 SEX: Male DAY ON TEST: 521
DOSE: 5 PPM MALE DISP: Dead HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Islets, Pancreatic
Larynx	Liver	Lymph Node - Bronchial	Lymph Node - Mandibular
Pancreas	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Intestine Large - Cecum	Mammary Gland	Parathyroid Gland	Stomach - Forestomach
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AUTO PRECLUDES DIAG.

Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum			

OBSERVATIONS

Kidney		Nephropathy	Chronic, Moderate
Lung		Foreign Body	Mild
Note: FOREIGN BODY IN LUNG LOOKS LIKE VEGETABLE MATERIAL			
Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Suppurative, Mild
	Olfactory Epi	Metaplasia	Squamous, Mild
	Olfactory Epi	Metaplasia	Mild
	Respirat Epith	Metaplasia	Squamous, Minimal
Preputial Gland		Inflammation	Suppurative, Moderate

PRIMARY CAUSE OF DEATH

-

Animal Note: THERE IS ALOT OF AUTOLYSIS IN THIS ANIMAL

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
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Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7102

TRT#: 3

SEX: Male

DAY ON TEST: 554

DOSE: 5 PPM MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Colon	Intestine Large - Rectum
Islets, Pancreatic	Larynx	Liver	Lymph Node - Bronchial
Lymph Node - Mandibular	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Intestine Large - Cecum	Mammary Gland
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AUTO PRECLUDES DIAG.

Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Salivary Glands
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OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Marked
Heart		Cardiomyopathy	Mild
Intest Large			
Note: LESION ON SLIDE #13 IS NORMAL COLON. THE NODULE			
Note: DESCRIBED AT TRIMMING IS VERY POSSIBLY A FOCUS OF			
Note: SECTION.			
Note: SEVERE PERIARTERTIS ALTHOUGH ITS NOT PRESENT IN THIS			
Kidney		Nephropathy	Chronic, Marked
Note: [NEPHROPATHY] TGLs = 1-5			
Lung	Alveolus	Infiltration Cellular	Histiocyte, Moderate
	Artery	Inflammation	Marked
	Artery	Mineralization	Moderate
Note: [INFILTRAT CELL] TGLs = 2-3+11			
Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Hyperplasia	Moderate
		Inflammation	Suppurative, Moderate
	Olfactory Epi	Metaplasia	Squamous, Mild
	Respirat Epith	Metaplasia	Squamous, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7102

TRT#: 3

SEX: Male

DAY ON TEST: 554

DOSE: 5 PPM MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: FROM AUTOLYSIS.

Note: DIFFICULT TO DIFFERENTIATE OLFACTORY EPI DEGENERATION

Preputial Gland

Inflammation

Suppurative, Marked

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7103 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 683
DOSE: 5 PPM MALE **DISP:** Dead **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Jejunum	Larynx
Liver	Lymph Node - Bronchial	Lymph Node - Mandibular	Parathyroid Gland
Pituitary Gland	Prostate	Seminal Vesicle	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland Skin

AUTO PRECLUDES DIAG.

Intestine Small - Ileum Nose

OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Moderate
Intestine Large	Artery, Rectum	Inflammation	Marked
	Rectum	Parasite Metazoan	
Islets, Pancreatic		Hyperplasia	Moderate
Kidney		Nephropathy	Chronic, Marked
Note: [NEPHROPATHY] TGLs = 2-5+13			
Lung	Alveolus	Infiltration Cellular	Histiocyte, Moderate
	Artery	Inflammation	Marked
Note: [INFILTRAT CELL] TGLs = 3-3+11			
Nose			
Note: AUTOLYSIS MAKES IT IMPOSSIBLE TO DETERMINE IF			
Note: DEGENERATION OF THE OLFACTORY EPI IS PRESENT IN			
Note: THE NOSE OF THIS RAT.			
Pancreas	Artery	Inflammation	Marked
Preputial Gland		Inflammation	Suppurative, Marked
Note: [INFLAMMATION] TGLs = 1-7			
Salivary Glands		Karyomegaly	Minimal
Testes	Artery	Inflammation	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

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Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7103

TRT#: 3

SEX: Male

DAY ON TEST: 683

DOSE: 5 PPM MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
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Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7104

TRT#: 3
DOSE: 5 PPM MALE

SEX: Male
DISP: Moribund

DAY ON TEST: 638
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lymph Node - Bronchial
Lymph Node - Mandibular	Mammary Gland	Pancreas	Pituitary Gland
Prostate	Seminal Vesicle	Skin	Spleen
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Parathyroid Gland	Stomach - Forestomach
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OBSERVATIONS

Brain			
Note: SULCUS. I AM INTERRUPTING THAT AS ARTIFACTUAL			
Note: THE PINEAL GLAND IS LOCATED DEEP IN THE MEDIAN			
Heart	Atrium	Thrombosis	
Kidney		Nephropathy	Chronic, Moderate
Lacrimal Gland		Inflammation	Chronic, Moderate
		Karyomegaly	Moderate
Note: [INFLAMMATION] TGLs = 3-11			
Liver		Hematopoietic Cell Proliferation	Moderate
Lung	Alveolus	Fibrosis	Marked
		Hemorrhage	Marked
	Alveolar Epith	Hyperplasia	Moderate
	Alveolus	Infiltration Cellular	Histiocyte, Marked
	Alveolus	Inflammation	Suppurative, Moderate
		Inflammation	Granulomatous, Marked
	Artery	Mineralization	Marked
Note: [INFLAMMATION] TGLs = 2-12			
Note: [INFILTRAT CELL] TGLs = 2-3			
Note: [HEMORRHAGE] TGLs = 2-12			

* PROTOCOL REQUIRED TISSUE

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Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7104

TRT#: 3

SEX: Male

DAY ON TEST: 638

DOSE: 5 PPM MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [FIBROSIS] TGLs = 2-3+12
[Inflammation TGLS = 2-3]

Nose	Olfactory Epi Respirat Epith	Degeneration Hyperplasia Inflammation	Moderate Mild
Preputial Gland	Respirat Epith	Metaplasia	Suppurative, Mild
Salivary Glands		Inflammation	Squamous, Mild
		Karyomegaly	Suppurative, Moderate
			Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7105 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 655
DOSE: 5 PPM MALE **DISP:** Moribund **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Colon	Intestine Small - Duodenum	Islets, Pancreatic
Larynx	Liver	Lymph Node - Mandibular	Mammary Gland
Pancreas	Pituitary Gland	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Trachea	Urinary Bladder	

MISSING

Lymph Node - Bronchial	Parathyroid Gland	Preputial Gland
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AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Moderate
	Medulla	Hyperplasia	Moderate
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Marked
Lacrimal Gland		Inflammation	Chronic, Moderate
		Karyomegaly	Moderate
Note: [INFLAMMATION] TGLs = 2-11			
Lung	Artery	Mineralization	Marked
Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Hyperplasia	Mild
	Olfactory Epi	Metaplasia	Minimal
	Respirat Epith	Metaplasia	Squamous, Mild
Prostate		Cyst	
Note: [CYST] TGLs = 1-8			
Salivary Glands		Karyomegaly	Mild
Thyroid Gland		Ultimobranchial Cyst	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
 Test Type: CHRONIC
 Species/Strain: Rat/OSBORNE-MEND

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 Test Compound: Allyl glycidyl ether
 CAS Number: 106-92-3

Date Report Requested: 10/23/2014
 Time Report Requested: 11:39:25
 First Dose M/F: NA / NA
 Lab: BNW

ANIMAL ID: 7106

TRT#: 3

SEX: Male

DAY ON TEST: 738

DOSE: 5 PPM MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Eye	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lymph Node - Bronchial
Lymph Node - Mandibular	Mammary Gland	Pancreas	Pituitary Gland
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Trachea
Urinary Bladder			

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
	Cortex	Vacuolization Cytoplasmic	Mild
Kidney		Nephropathy	Chronic, Moderate
Lacrimal Gland		Inflammation	Chronic, Mild
		Karyomegaly	Moderate
Note: [INFLAMMATION] TGLs = 3-11			
Liver		Angiectasis	Moderate
		Clear Cell Focus	Mild
Lung	Artery	Inflammation	Moderate
	Artery	Mineralization	Marked
Nose	Olfactory Epi	Degeneration	Minimal
		Foreign Body	Mild
		Inflammation	Suppurative, Moderate
	Respirat Epith	Metaplasia	Squamous, Mild
Note: DEGENERATION OF OLFACTORY EPI IS MINIMAL AND IS			
Note: LOCATED ONLY IN THE DORSAL MOST PORTION OF XS #2			
Preputial Gland		Cyst	
Note: [CYST] TGLs = 2-7			
Prostate		Inflammation	Suppurative, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7106

TRT#: 3
DOSE: 5 PPM MALE

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 738
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Salivary Glands		Karyomegaly	Mild
Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7107

TRT#: 3

SEX: Male

DAY ON TEST: 738

DOSE: 5 PPM MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Liver	Lymph Node - Mandibular	Mammary Gland	Pancreas
Parathyroid Gland	Preputial Gland	Prostate	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Lymph Node - Bronchial

INSUFFICIENT TISSUE

Epididymis

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	Multiple
	Cortex	Vacuolization Cytoplasmic	Moderate
Heart	Endocardium	Fibrosis	Minimal
Kidney	Pelvis	Mineralization	Mild
		Nephropathy	Chronic, Marked
Lung	Alveolus	Inflammation	Suppurative, Mild
	Artery	Inflammation	Marked
Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Membranous, Mild
		Inflammation	Suppurative, Minimal
	Olfactory Epi	Metaplasia	Mild
	Respirat Epith	Metaplasia	Squamous, Minimal
Pituitary Gland	Pars Intermed	Adenoma	
Note: THIS PITUITARY HAS ALOT OF GIANT CELLS SO DIFFERENTIAL			
Note: DIAGNOSIS COULD BE CARCINOMA.			
Salivary Glands		Karyomegaly	Moderate
Testes	Artery	Inflammation	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7107

TRT#: 3

SEX: Male

DAY ON TEST: 738

DOSE: 5 PPM MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7108

TRT#: 3

SEX: Male

DAY ON TEST: 722

DOSE: 5 PPM MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Liver	Lymph Node - Mandibular	Mammary Gland
Parathyroid Gland	Preputial Gland	Prostate	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Lymph Node - Bronchial

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	Multiple
	Cortex	Vacuolization Cytoplasmic	Moderate
Heart	Atrium	Thrombosis	
Note: [THROMBUS] TGLs = 8-13			
Kidney		Nephropathy	Chronic, Marked
Note: [NEPHROPATHY] TGLs = 4,5-5+12			
Lacrimal Gland		Inflammation	Chronic, Moderate
		Karyomegaly	Moderate
Note: [INFLAMMATION] TGLs = 7-14			
Lung	Alveolus	Fibrosis	Mild
	Alveolar Epith	Hyperplasia	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Marked
	Alveolus	Inflammation	Suppurative, Moderate
	Artery	Mineralization	Moderate
Note: [INFLAMMATION] TGLs = 6-3+11			
Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Hyperplasia	Moderate
		Inflammation	Suppurative, Mild
	Olfactory Epi	Metaplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7108

TRT#: 3

SEX: Male

DAY ON TEST: 722

DOSE: 5 PPM MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Respirat Epith

Metaplasia

Squamous, Moderate

Note: NOSE LESIONS ARE ON XS #1 AND #2.

Pancreas

Atrophy

Mild

Pituitary Gland

Pars Distalis

Adenoma

Pars Distalis

Hyperplasia

Mild

Note: PITUITARY LESION COULD ALSO BE FROM THE PARS INTERMEDIA

Salivary Glands

Karyomegaly

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7109 TRT#: 3 SEX: Male DAY ON TEST: 499
DOSE: 5 PPM MALE DISP: Dead HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Islets, Pancreatic	Larynx
Liver	Lymph Node - Mandibular	Mammary Gland	Pancreas
Parathyroid Gland	Pituitary Gland	Preputial Gland	Prostate
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Intestine Large - Cecum	Lymph Node - Bronchial
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AUTO PRECLUDES DIAG.

Intestine Small - Ileum	Intestine Small - Jejunum
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Kidney	Pelvis	Mineralization	Moderate
		Nephropathy	Chronic, Marked
Lung	Artery	Inflammation	Marked
	Artery	Mineralization	Moderate
Lymph Node	Mediastinal	Hemorrhage	Moderate
Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Metaplasia	Squamous, Minimal
Salivary Glands		Karyomegaly	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
 Test Type: CHRONIC
 Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Allyl glycidyl ether
 CAS Number: 106-92-3

Date Report Requested: 10/23/2014
 Time Report Requested: 11:39:25
 First Dose M/F: NA / NA
 Lab: BNW

ANIMAL ID: 7110 TRT#: 3 SEX: Male DAY ON TEST: 624
 DOSE: 5 PPM MALE DISP: Dead HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large - Rectum
Intestine Small - Duodenum	Islets, Pancreatic	Larynx	Liver
Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland	Pituitary Gland
Preputial Gland	Prostate	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea			

MISSING

Intestine Large - Cecum	Intestine Small - Ileum	Intestine Small - Jejunum	Lymph Node - Bronchial
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AUTO PRECLUDES DIAG.

Intestine Large - Colon

OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Moderate
Kidney		Nephropathy	Chronic, Marked
Lung	Artery	Inflammation	Marked
	Artery	Mineralization	Marked
Nose	Olfactory Epi	Degeneration	Minimal
		Inflammation	Suppurative, Mild
	Respirat Epith	Metaplasia	Squamous, Minimal
Pancreas	Artery	Inflammation	Marked
Salivary Glands		Karyomegaly	Minimal
Testes	Seminif Tub	Atrophy	Moderate
	Artery	Inflammation	Marked
Thyroid Gland	C Cell	Adenoma	
Note: AUTOLYSIS MAKES CLASSIFICATION OF THYROID TUMOR DIFFICULT			
Urinary Bladder	Artery	Inflammation	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7111

TRT#: 3

SEX: Male

DAY ON TEST: 738

DOSE: 5 PPM MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	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	Larynx	Liver	Lung
Lymph Node - Mandibular	Mammary Gland	Pituitary Gland	Preputial Gland
Prostate	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Trachea	Urinary Bladder		

MISSING

Lymph Node - Bronchial	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Cortex	Vacuolization Cytoplasmic	Mild
Islets, Pancreatic		Adenoma	
Kidney		Nephropathy	Chronic, Moderate
Lacrimal Gland		Inflammation	Chronic, Moderate
		Karyomegaly	Moderate
Note: [INFLAMMATION] TGLs = 1-11			
Nose	Olfactory Epi	Degeneration	Minimal
	Respirat Epith	Metaplasia	Squamous, Minimal
Pancreas		Atrophy	Moderate
Salivary Glands		Inflammation	Chronic, Mild
		Karyomegaly	Mild
Thyroid Gland	C Cell	Adenoma	
Note: [ADENOMA] TGLs = 2-2			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7112

TRT#: 3

SEX: Male

DAY ON TEST: 526

DOSE: 5 PPM MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Small - Duodenum	Islets, Pancreatic	Larynx	Liver
Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland	Pancreas
Parathyroid Gland	Pituitary Gland	Preputial Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Intestine Large - Cecum

AUTO PRECLUDES DIAG.

Intestine Large - Colon

Intestine Large - Rectum

Intestine Small - Ileum

Intestine Small - Jejunum

OBSERVATIONS

Kidney		Nephropathy	Chronic, Moderate
Lung	Artery	Mineralization	Moderate
Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Hyperplasia	Mild
		Inflammation	Suppurative, Mild
	Respirat Epith	Metaplasia	Squamous, Mild
Stomach	Forestomach	Squamous Cell Carcinoma	

Note: TUMOR IS INVADING THE MUSCULARIS ON SLIDE #13.

Note: [SQUAM CEL CARC] TGLs = 2-13

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7113 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 689
DOSE: 5 PPM MALE **DISP:** Moribund **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Mammary Gland	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Epididymis	Lymph Node - Bronchial	Lymph Node - Mandibular
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OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
	Cortex	Angiectasis	Moderate
	Cortex	Vacuolization Cytoplasmic	Moderate
Note: [ADENOMA] TGLs = 2-5			
Heart		Lymphoma Malignant Undifferentiated Cell Type	
Kidney		Nephropathy	Chronic, Marked
Note: [NEPHROPATHY] TGLs = 3-5+13			
Lacrimal Gland		Inflammation	Chronic, Moderate
		Karyomegaly	Mild
Note: [INFLAMMATION] TGLs = 4-14			
Liver		Lymphoma Malignant Undifferentiated Cell Type	
Lung		Lymphoma Malignant Undifferentiated Cell Type	
	Artery	Mineralization	Moderate
Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Hyperplasia	Mild
		Inflammation	Suppurative, Mild
	Respirat Epith	Metaplasia	Squamous, Mild
Preputial Gland		Inflammation	Suppurative, Marked
Salivary Glands		Cyst	
		Inflammation	Granulomatous, Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7113	TRT#: 3 DOSE: 5 PPM MALE	SEX: Male DISP: Moribund	DAY ON TEST: 689 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS	
Note: [CYST] TGLs = 1-15 Note: [INFLAMMATION] TGLs = 1-15 Spleen	Karyomegaly Lymphoma Malignant Undifferentiated Cell Type

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
 Test Type: CHRONIC
 Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Allyl glycidyl ether
 CAS Number: 106-92-3

Date Report Requested: 10/23/2014
 Time Report Requested: 11:39:25
 First Dose M/F: NA / NA
 Lab: BNW

ANIMAL ID: 7114 TRT#: 3 SEX: Male DAY ON TEST: 565
 DOSE: 5 PPM MALE DISP: Dead HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Islets, Pancreatic
Larynx	Liver	Lymph Node - Bronchial	Lymph Node - Mandibular
Mammary Gland	Pancreas	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Urinary Bladder

MISSING

Intestine Large - Cecum Parathyroid Gland

AUTO PRECLUDES DIAG.

Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Trachea		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Moderate
Kidney		Nephropathy	Chronic, Moderate
Lung		Hemorrhage	Moderate
	Artery	Inflammation	Marked
Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Hyperplasia	Mild
		Inflammation	Suppurative, Mild
		Inflammation	Membranous, Moderate
	Olfactory Epi	Metaplasia	Squamous, Minimal
	Respirat Epith	Metaplasia	Squamous, Mild
Note: IT IS VERY DIFFICULT TO DIFFERENTIATE OLFACTORY EPI			
Note: DEGENERATION FROM AUTOLYSIS.			
Preputial Gland		Inflammation	Suppurative, Moderate
Skin		Hemangioma	
Note: [HEMANGIOMA] TGLs = 1-11			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7115

TRT#: 3

SEX: Male

DAY ON TEST: 738

DOSE: 5 PPM MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Islets, Pancreatic	Larynx
Liver	Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland
Pancreas	Parathyroid Gland	Pituitary Gland	Preputial Gland
Prostate	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Kidney		Nephropathy	Chronic, Marked
Lacrimal Gland		Inflammation	Chronic, Moderate
		Karyomegaly	Moderate
Note: [INFLAMMATION] TGLs = 1-11			
Lung	Artery	Mineralization	Moderate
Nose	Olfactory Epi Glands Respirat Epith	Degeneration Dilatation Hyperplasia Inflammation Metaplasia	Minimal Moderate Minimal Suppurative, Mild Squamous, Minimal
Note: SUBMUCOSAL GLANDS ADJACENT TO THE VOMERONASAL ORGAN			
Note: ON CROSS-SECTION #1.			
Note: SUPPURATIVE INFLAMMATION OF THE NOSE IS IN THE			
Salivary Glands		Karyomegaly	Minimal
Thyroid Gland	C Cell	Adenoma	Multiple
Note: [ADENOMA] TGLs = 2-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7116

TRT#: 3

SEX: Male

DAY ON TEST: 668

DOSE: 5 PPM MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Liver	Lymph Node - Mandibular
Pancreas	Parathyroid Gland	Pituitary Gland	Preputial Gland
Prostate	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Lymph Node - Bronchial	Mammary Gland
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OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Mild
Kidney	Pelvis	Hemorrhage	Mild
	Pelvis	Hyperplasia	Mild
		Nephropathy	Chronic, Marked
Note: [NEPHROPATHY] TGLs = 1-5			
Lung	Artery	Mineralization	Mild
Nose	Glands	Dilatation	Mild
	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Suppurative, Mild
	Respirat Epith	Metaplasia	Squamous, Mild
Note: ORGAN.			
Note: DILATED GLANDS ARE IN XS #1 DORSAL TO VOMERONASAL			
Salivary Glands		Inflammation	Chronic, Mild
		Karyomegaly	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7117

TRT#: 3
DOSE: 5 PPM MALE

SEX: Male
DISP: Moribund

DAY ON TEST: 738
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Lymph Node - Mandibular	Mammary Gland
Pancreas	Parathyroid Gland	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea

MISSING

Lymph Node - Bronchial

OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Mild
Intestine Large	Colon	Parasite Metazoan	Mild
Kidney	Pelvis	Hyperplasia	Moderate
	Pelvis	Inflammation	Suppurative, Moderate
		Nephropathy	Chronic, Marked
Note: [NEPHROPATHY] TGLs = 2,3-5+14			
Lacrimal Gland		Inflammation	Suppurative, Moderate
		Inflammation	Chronic, Moderate
		Karyomegaly	Moderate
Note: [INFLAMMATION] TGLs = 5-11			
Liver		Clear Cell Focus	Moderate
Lung	Alveolus	Inflammation	Suppurative, Mild
Nose	Olfactory Epi Glands	Degeneration	Mild
	Respirat Epith	Dilatation	Moderate
		Hyperplasia	Mild
		Inflammation	Suppurative, Mild
	Respirat Epith	Metaplasia	Squamous, Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Intermed	Adenoma	
Note: [ADENOMA] TGLs = 4-8			
Preputial Gland		Cyst	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7117

TRT#: 3
DOSE: 5 PPM MALE

SEX: Male
DISP: Moribund

DAY ON TEST: 738
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Prostate		Inflammation	Suppurative, Mild
Salivary Glands		Inflammation	Suppurative, Mild
		Inflammation	Chronic, Minimal
		Karyomegaly	Minimal
Seminal Vesicle		Inflammation	Suppurative, Mild
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: [HEMA CELL PROL] TGLs = 1-12			
Testes	Artery	Inflammation	Marked
Urinary Bladder		Hyperplasia	Moderate
		Inflammation	Suppurative, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
 Test Type: CHRONIC
 Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Allyl glycidyl ether
 CAS Number: 106-92-3

Date Report Requested: 10/23/2014
 Time Report Requested: 11:39:25
 First Dose M/F: NA / NA
 Lab: BNW

ANIMAL ID: 7118 TRT#: 3 SEX: Male DAY ON TEST: 591
 DOSE: 5 PPM MALE DISP: Dead HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland
Parathyroid Gland	Preputial Gland	Prostate	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Intestine Large - Cecum

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	Multiple
Note: [PHEOCHROM BGN] TGLs = 2-5+11			
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Marked
Lacrimal Gland		Inflammation	Chronic, Moderate
		Karyomegaly	Moderate
Note: [KARYOMEGALY] TGLs = 1-12			
Liver	Bile Duct	Fibrosis	Moderate
	Bile Duct	Hyperplasia	Moderate
		Inflammation	Suppurative, Moderate
		Necrosis	Moderate
Lung	Artery	Inflammation	Moderate
	Artery	Mineralization	Moderate
Nose	Olfactory Epi	Degeneration	Marked
	Glands	Dilatation	Moderate
	Respirat Epith	Hyperplasia	Mild
		Inflammation	Suppurative, Moderate
	Olfactory Epi	Metaplasia	Squamous, Moderate
	Respirat Epith	Metaplasia	Squamous, Mild
Pancreas		Inflammation	Suppurative, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7118

TRT#: 3
DOSE: 5 PPM MALE

SEX: Male
DISP: Dead

DAY ON TEST: 591
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland	Pars Distalis	Adenoma	
Salivary Glands		Karyomegaly	Mild
Stomach	Artery	Inflammation	Moderate
Testes	Seminif Tub	Atrophy	Moderate
	Artery	Inflammation	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
 Test Type: CHRONIC
 Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Allyl glycidyl ether
 CAS Number: 106-92-3

Date Report Requested: 10/23/2014
 Time Report Requested: 11:39:25
 First Dose M/F: NA / NA
 Lab: BNW

ANIMAL ID: 7119 TRT#: 3 SEX: Male DAY ON TEST: 738
 DOSE: 5 PPM MALE DISP: Terminal Sacrifice HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Lymph Node - Mandibular	Mammary Gland
Parathyroid Gland	Preputial Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Epididymis Lymph Node - Bronchial

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Marked
Note: [NEPHROPATHY] TGLs = 1-5			
Lacrimal Gland		Inflammation	Chronic, Mild
		Karyomegaly	Moderate
Note: [INFLAMMATION] TGLs = 2-13			
Liver		Clear Cell Focus	Mild
Lung	Alveolus	Infiltration Cellular	Histiocyte, Moderate
Nose	Olfactory Epi	Degeneration	Mild
	Glands	Dilatation	Mild
	Respirat Epith	Hyperplasia	Mild
	Respirat Epith	Metaplasia	Squamous, Minimal
Pancreas	Artery	Inflammation	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Testes	Artery	Inflammation	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
 Test Type: CHRONIC
 Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Allyl glycidyl ether
 CAS Number: 106-92-3

Date Report Requested: 10/23/2014
 Time Report Requested: 11:39:25
 First Dose M/F: NA / NA
 Lab: BNW

ANIMAL ID: 7120 TRT#: 3 SEX: Male DAY ON TEST: 708
 DOSE: 5 PPM MALE DISP: Dead HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Harderian Gland	Intestine Large - Colon	Intestine Large - Rectum
Islets, Pancreatic	Larynx	Liver	Lymph Node - Bronchial
Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Zymbal's Gland		

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Moderate
	Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Marked
Lacrimal Gland		Inflammation	Chronic, Moderate
		Karyomegaly	Moderate
Note: [INFLAMMATION] TGLs = 1-14			
Lung	Artery	Mineralization	Marked
Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Hyperplasia	Mild
	Respirat Epith	Metaplasia	Squamous, Mild
Pancreas	Artery	Inflammation	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Suppurative, Marked
Note: [INFLAMMATION] TGLs = 2-13			
Testes	Artery	Inflammation	Marked
Thyroid Gland	Follicular Cel	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7121 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 677
DOSE: 5 PPM MALE **DISP:** Moribund **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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	Islets, Pancreatic	Larynx	Liver
Parathyroid Gland	Pituitary Gland	Preputial Gland	Prostate
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Lymph Node - Bronchial Mammary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Harderian Gland		Carcinoma	
Note: OF THE OLFACTORY EPI. SOME ASPECTS OF THE TUMOR			
Note: SCHIRROUS. DIFFERENTIAL DIAGNOSIS IS CARCINOMA			
Note: ALSO HAVE A NEURAL APPEARANCE SUGGESTING ESTHESIO			
Note: NEUROBLASTOMA			
Note: A PLEOMORPHIC APPEARANCE. THE TUMOR IS VERY			
Note: THIS IS A HIGHLY ANAPLASTIC MALIGNANT TUMOR WITH			
[Carcinoma TGLS = 2-10+14]			
Kidney		Nephropathy	Chronic, Moderate
Lung		Carcinoma	Metastatic (Harderian Gland)
Note: [CARCINOMA] TGLs = 3-13+11+3			
Lymph Node	Mandibular	Carcinoma	Metastatic (Harderian Gland)
Nose		Carcinoma	Metastatic (Harderian Gland)
	Olfactory Epi	Degeneration	Moderate
	Olfactory Epi	Metaplasia	Squamous, Minimal
	Respirat Epith	Metaplasia	Squamous, Minimal
Pancreas		Atrophy	Mild
Salivary Glands		Carcinoma	Metastatic (Harderian Gland)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7121

TRT#: 3

SEX: Male

DAY ON TEST: 677

DOSE: 5 PPM MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [CARCINOMA] TGLs = 1-12

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7122 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 662
DOSE: 5 PPM MALE **DISP:** Moribund **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Liver
Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland	Pancreas
Preputial Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Glandular	Testes
Thymus	Trachea	Urinary Bladder	

MISSING

Epididymis Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Moderate
	Medulla	Hyperplasia	Marked
Bone	Cranium	Schwannoma Malignant	Metastatic (Brain)
Note: [SCHWANNOMA MAL] TGLs = 3-11			
Brain		Compression	Marked
Note: [COMPRESSION] TGLs = 4-1			
Note: [SCHWANNOMA MAL] TGLs = 4-11+12			
Kidney		Nephropathy	Chronic, Moderate
Lacrimal Gland		Inflammation	Chronic, Moderate
		Karyomegaly	Moderate
Note: [INFLAMMATION] TGLs = 2-13			
Lung		Schwannoma Malignant	Metastatic (Brain)
Nose	Olfactory Epi	Degeneration	Moderate
	Glands	Dilatation	Moderate
	Respirat Epith	Hyperplasia	Mild
		Inflammation	Suppurative, Moderate
	Olfactory Epi	Metaplasia	Squamous, Moderate
	Respirat Epith	Metaplasia	Squamous, Minimal
Pituitary Gland	Pars Distalis	Cyst	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7122

TRT#: 3
DOSE: 5 PPM MALE

SEX: Male
DISP: Moribund

DAY ON TEST: 662
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [CYST] TGLs = 5-8

Stomach
Thyroid Gland

Forestomach
C Cell

Acanthosis
Adenoma

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
 Test Type: CHRONIC
 Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Allyl glycidyl ether
 CAS Number: 106-92-3

Date Report Requested: 10/23/2014
 Time Report Requested: 11:39:25
 First Dose M/F: NA / NA
 Lab: BNW

ANIMAL ID: 7123 TRT#: 3 SEX: Male DAY ON TEST: 466
 DOSE: 5 PPM MALE DISP: Dead HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large - Rectum	Intestine Small - Duodenum
Islets, Pancreatic	Larynx	Liver	Lung
Lymph Node - Bronchial	Mammary Gland	Pancreas	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Epididymis	Intestine Large - Cecum	Lymph Node - Mandibular	Parathyroid Gland
Stomach - Forestomach			

AUTO PRECLUDES DIAG.

Intestine Small - Ileum	Intestine Small - Jejunum
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Moderate
Intestine Large	Colon	Parasite Metazoan	Moderate
Kidney		Nephropathy	Chronic, Mild
Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Hyperplasia	Mild
		Inflammation	Suppurative, Mild
	Olfactory Epi	Metaplasia	Squamous, Moderate
	Respirat Epith	Metaplasia	Squamous, Mild
Preputial Gland		Inflammation	Suppurative, Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7124

TRT#: 3

SEX: Male

DAY ON TEST: 444

DOSE: 5 PPM MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Mammary Gland
Pancreas	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Intestine Large - Cecum	Lymph Node - Bronchial	Lymph Node - Mandibular	Parathyroid Gland
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OBSERVATIONS

Kidney		Nephropathy	Chronic, Moderate
Liver		Necrosis	Moderate
Lung		Sarcoma	Metastatic (Skin)
Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Suppurative, Mild
	Olfactory Epi	Metaplasia	Squamous, Moderate
	Respirat Epith	Metaplasia	Squamous, Mild
		Inflammation	Suppurative, Marked
Preputial Gland			
Note: [INFLAMMATION] TGLs = 2-7			
Skeletal Muscle		Sarcoma	Metastatic (Skin)
[Sarcoma TGLS = 1-11]			
Skin		Sarcoma	
Note: [SARCOMA] TGLs = 1-11+12+13			
Note: 6-7 CM DIAM. MASS LEFT INGUINAL SQ			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7125

TRT#: 3

SEX: Male

DAY ON TEST: 683

DOSE: 5 PPM MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland
Prostate	Salivary Glands	Seminal Vesicle	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Small - Ileum
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OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	Multiple
Heart		Cardiomyopathy	Mild
Intestine Large	Colon	Parasite Metazoan	Moderate
Kidney		Nephropathy	Chronic, Marked
Liver		Clear Cell Focus	
Lung	Alveolus	Infiltration Cellular	Histiocyte, Moderate
	Bronchiole	Infiltration Cellular	Histiocyte, Marked
	Artery	Inflammation	Marked
Nose	Olfactory Epi	Degeneration	Minimal
	Glands	Dilatation	Mild
	Respirat Epith	Hyperplasia	Minimal
	Respirat Epith	Metaplasia	Squamous, Mild
Pancreas	Acinus	Hyperplasia	Moderate
	Artery	Inflammation	Marked
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Suppurative, Moderate
Skin		Keratoacanthoma	
Note: [KERATOACANTHMA] TGLs = 1-14			
Testes	Seminif Tub	Atrophy	Marked
		Mineralization	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7125

TRT#: 3
DOSE: 5 PPM MALE

SEX: Male
DISP: Dead

DAY ON TEST: 683
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7126	TRT#: 3	SEX: Male	DAY ON TEST: 231
	DOSE: 5 PPM MALE	DISP: Dead	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Islets, Pancreatic	Larynx	Liver	Lung
Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland	Pancreas
Pituitary Gland	Preputial Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Intestine Large - Cecum	Parathyroid Gland
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AUTO PRECLUDES DIAG.

Intestine Small - Jejunum

OBSERVATIONS

Kidney		Nephropathy	Chronic, Mild
Nose	Olfactory Epi Glands	Degeneration	Mild
	Respirat Epith	Dilatation	Mild
	Respirat Epith	Hyperplasia	Minimal
		Metaplasia	Squamous, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7127 TRT#: 3 SEX: Male DAY ON TEST: 475
DOSE: 5 PPM MALE DISP: Dead HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Rectum	Islets, Pancreatic
Liver	Lymph Node - Bronchial	Mammary Gland	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Thymus	Urinary Bladder

MISSING

Intestine Large - Cecum	Intestine Large - Colon	Lymph Node - Mandibular
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AUTO PRECLUDES DIAG.

Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Larynx
Nose	Stomach - Forestomach	Thyroid Gland	Trachea

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Moderate
Heart	Artery	Mineralization	Marked
Kidney		Nephropathy	Chronic, Marked
Note: [NEPHROPATHY] TGLs = 4-5			
Lung		Hemorrhage	Marked
Note: [HEMORRHAGE] TGLs = 5-11	Alveolus	Infiltration Cellular	Histiocyte, Marked
Pancreas	Artery	Inflammation	Marked
Parathyroid Gland		Hyperplasia	Marked
Stomach	Glandular	Mineralization	Marked
Testes	Artery	Inflammation	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7128 TRT#: 3 SEX: Male DAY ON TEST: 560
DOSE: 5 PPM MALE DISP: Dead HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Islets, Pancreatic	Pancreas	Preputial Gland	Prostate
Seminal Vesicle	Skin	Spleen	Stomach - Glandular
Testes	Urinary Bladder		

MISSING

Intestine Large - Cecum	Lymph Node - Bronchial	Mammary Gland	Parathyroid Gland
Pituitary Gland			

AUTO PRECLUDES DIAG.

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Larynx	Lung	Lymph Node - Mandibular	Salivary Glands
Thymus	Thyroid Gland	Trachea	

OBSERVATIONS

Heart		Cardiomyopathy	Moderate
Kidney		Nephropathy	Chronic, Marked
Liver		Necrosis	Marked
Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Hyperplasia	Minimal
	Olfactory Epi	Metaplasia	Squamous, Minimal
	Respirat Epith	Metaplasia	Squamous, Mild
Stomach	Forestomach	Squamous Cell Carcinoma	

Note: [SQUAM CEL CARC] TGLs = 1-11+12

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7129 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 738
DOSE: 5 PPM MALE **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	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	Larynx	Liver	Lymph Node - Bronchial
Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland	Pituitary Gland
Preputial Gland	Prostate	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Islets, Pancreatic		Adenoma	
Kidney		Nephropathy	Chronic, Marked
Note: [NEPHROPATHY] TGLs = 2-5+13			
Lacrimal Gland		Inflammation	Chronic, Moderate
		Karyomegaly	Moderate
Note: [INFLAMMATION] TGLs = 1-11			
Lung	Artery	Mineralization	Moderate
Nose	Olfactory Epi Glands	Degeneration	Moderate
		Dilatation	Mild
		Foreign Body	Moderate
	Nasolacrim Dct	Inflammation	Suppurative, Mild
		Inflammation	Suppurative, Mild
	Respirat Epith	Metaplasia	Squamous, Mild
Pancreas		Atrophy	Minimal
Salivary Glands		Karyomegaly	Mild
Stomach	Glandular	Developmental Malformation	
Note: ARE PRESENT AND UNDERNEATH THE STOMACH MUCOSA.			
Note: [DEVELOP MALFOR] TGLs = 3-14			
Note: ANOMALY IN WHICH THE DUODENAL SUBMUCOSAL GLANDS			
Note: MUCOSA. THIS IS INTERPRETED AS THE DEVELOPMENTAL			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7129

TRT#: 3

SEX: Male

DAY ON TEST: 738

DOSE: 5 PPM MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: OF GLANDULAR TISSUE BENEATH THE NORMAL GASTRIC
Note: THIS LESION NOTED AT TRIMMING CONSISTS OF AN ISLAND

Testes	Seminif Tub	Atrophy Mineralization	Marked Moderate
Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7130

TRT#: 3

SEX: Male

DAY ON TEST: 443

DOSE: 5 PPM MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone

Brain

Skin

MISSING

Intestine Large - Cecum

Lymph Node - Mandibular

Mammary Gland

Parathyroid Gland

AUTO PRECLUDES DIAG.

Adrenal Gland - Cortex

Adrenal Gland - Medulla

Bone Marrow

Epididymis

Esophagus

Intestine Large - Colon

Intestine Large - Rectum

Intestine Small - Duodenum

Intestine Small - Ileum

Intestine Small - Jejunum

Islets, Pancreatic

Kidney

Larynx

Liver

Lung

Lymph Node - Bronchial

Nose

Pancreas

Pituitary Gland

Preputial Gland

Prostate

Salivary Glands

Seminal Vesicle

Spleen

Stomach - Forestomach

Stomach - Glandular

Testes

Thymus

Thyroid Gland

Trachea

Urinary Bladder

OBSERVATIONS

Heart

Artery

Mineralization

Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7131	TRT#: 3	SEX: Male	DAY ON TEST: 578
	DOSE: 5 PPM MALE	DISP: Dead	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Colon
Intestine Large - Rectum	Islets, Pancreatic	Larynx	Liver
Lymph Node - Mandibular	Mammary Gland	Pancreas	Parathyroid Gland
Preputial Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Intestine Large - Cecum	Lymph Node - Bronchial
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AUTO PRECLUDES DIAG.

Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
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INSUFFICIENT TISSUE

Pituitary Gland

OBSERVATIONS

Heart		Cardiomyopathy	Mild
Intestine Large	Rectum	Parasite Metazoan	Moderate
Kidney		Nephropathy	Chronic, Marked
Note: [NEPHROPATHY] TGLs = 1-5			
Lung	Alveolus	Infiltration Cellular	Histiocyte, Moderate
Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Hyperplasia	Minimal
	Respirat Epith	Metaplasia	Squamous, Minimal
Testes	Seminif Tub	Atrophy	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7132

TRT#: 3

SEX: Male

DAY ON TEST: 579

DOSE: 5 PPM MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Epididymis
Larynx
Mammary Gland
Seminal Vesicle
Stomach - Glandular
Urinary Bladder

Bone
Esophagus
Liver
Pituitary Gland
Skin
Testes

Bone Marrow
Heart
Lymph Node - Bronchial
Prostate
Spleen
Thymus

Brain
Intestine Large - Rectum
Lymph Node - Mandibular
Salivary Glands
Stomach - Forestomach
Trachea

MISSING

Intestine Large - Cecum

Parathyroid Gland

AUTO PRECLUDES DIAG.

Intestine Large - Colon
Islets, Pancreatic

Intestine Small - Duodenum
Pancreas

Intestine Small - Ileum
Thyroid Gland

Intestine Small - Jejunum

OBSERVATIONS

Adrenal Gland
Kidney
Lung
Nose

Cortex
Artery
Olfactory Epi

Hyperplasia
Nephropathy
Mineralization
Degeneration
Inflammation
Inflammation

Moderate
Chronic, Moderate
Marked
Mild
Suppurative, Mild
Suppurative, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7133 TRT#: 3 SEX: Male DAY ON TEST: 599
DOSE: 5 PPM MALE DISP: Dead HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Colon	Intestine Large - Rectum
Islets, Pancreatic	Liver	Lymph Node - Bronchial	Lymph Node - Mandibular
Mammary Gland	Pancreas	Preputial Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Trachea	Urinary Bladder		

MISSING

Adrenal Gland - Medulla	Intestine Large - Cecum
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AUTO PRECLUDES DIAG.

Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Larynx
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INSUFFICIENT TISSUE

Parathyroid Gland

OBSERVATIONS

Heart		Cardiomyopathy	Moderate
Kidney		Nephropathy	Chronic, Marked
Lung	Artery	Inflammation	Marked
	Artery	Mineralization	Marked
Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Hyperplasia	Mild
	Olfactory Epi	Metaplasia	Squamous, Mild
	Respirat Epith	Metaplasia	Squamous, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7134

TRT#: 3

SEX: Male

DAY ON TEST: 738

DOSE: 5 PPM MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	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	Islets, Pancreatic	Larynx	Lymph Node - Bronchial
Lymph Node - Mandibular	Mammary Gland	Pancreas	Parathyroid Gland
Prostate	Seminal Vesicle	Skin	Spleen
Stomach - Glandular	Testes	Thymus	Trachea
Urinary Bladder			

MISSING

Pituitary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Cortex	Vacuolization Cytoplasmic	Mild
Kidney		Nephropathy	Chronic, Marked
Lacrimal Gland		Inflammation	Chronic, Moderate
		Karyomegaly	Moderate
Note: [INFLAMMATION] TGLs = 2-13			
Liver		Basophilic Focus	Mild
Lung	Alveolar Epith	Hyperplasia	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
Note: [INFILTRAT CELL] TGLs = 1-3+11			
Nose	Olfactory Epi	Degeneration	Mild
	Glands	Dilatation	Moderate
	Respirat Epith	Hyperplasia	Minimal
	Nasolacrim Dct	Inflammation	Suppurative, Minimal
		Inflammation	Suppurative, Mild
		Inflammation	Membranous, Moderate
	Olfactory Epi	Metaplasia	Squamous, Minimal
	Olfactory Epi	Metaplasia	Mild
	Respirat Epith	Metaplasia	Squamous, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7134

TRT#: 3
DOSE: 5 PPM MALE

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 738
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland		Inflammation	Suppurative, Moderate
Salivary Glands		Karyomegaly	Mild
Stomach	Forestomach	Acanthosis	Moderate
Thyroid Gland	C Cell	Adenoma	
		Ultimobranchial Cyst	

Note: [ADENOMA] TGLs = 3-12

PRIMARY CAUSE OF DEATH -

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7135	TRT#: 3 DOSE: 5 PPM MALE	SEX: Male DISP: Dead	DAY ON TEST: 670 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large - Rectum
Intestine Small - Duodenum	Islets, Pancreatic	Larynx	Liver
Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Glandular	Testes	Trachea	Urinary Bladder

MISSING

Intestine Small - Ileum	Lymph Node - Bronchial	Thymus
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AUTO PRECLUDES DIAG.

Intestine Large - Colon	Intestine Small - Jejunum
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INSUFFICIENT TISSUE

Stomach - Forestomach

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	Multiple
Intestine Large	Cecum	Parasite Metazoan	Moderate
Kidney		Nephropathy	Chronic, Marked
Lung	Alveolus	Edema	Moderate
Nose	Olfactory Epi	Degeneration	Mild
Pancreas		Atrophy	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Suppurative, Mild
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7136 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 738
DOSE: 5 PPM MALE **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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
Islets, Pancreatic	Lymph Node - Bronchial	Parathyroid Gland	Preputial Gland
Prostate	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Lymph Node - Mandibular	Mammary Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Mild
	Cortex	Vacuolization Cytoplasmic	Mild
Kidney		Nephropathy	Chronic, Marked
Note: [NEPHROPATHY] TGLs = 2-5			
Lacrimal Gland		Inflammation	Chronic, Moderate
		Karyomegaly	Moderate
Note: [INFLAMMATION] TGLs = 1-12			
Larynx		Inflammation	Suppurative, Mild
Liver		Adenoma	
Note: [ADENOMA] TGLs = 3-4+13			
Lung	Alveolus	Infiltration Cellular	Histiocyte, Moderate
		Inflammation	Granulomatous, Mild
	Artery	Mineralization	Moderate
Nose	Olfactory Epi	Degeneration	Mild
	Glands	Dilatation	Mild
	Olfactory Epi	Metaplasia	Squamous, Minimal
	Respirat Epith	Metaplasia	Squamous, Minimal
Pancreas		Atrophy	Mild
	Artery	Inflammation	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7136

TRT#: 3
DOSE: 5 PPM MALE

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 738
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland	Pars Distalis	Cyst	
Salivary Glands		Karyomegaly	Mild
Testes	Artery	Inflammation	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7137 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 650
DOSE: 5 PPM MALE **DISP:** Dead **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large - Rectum
Intestine Small - Duodenum	Islets, Pancreatic	Larynx	Liver
Lung	Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland
Pancreas	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Parathyroid Gland

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Ileum	Intestine Small - Jejunum
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
	Medulla	Pheochromocytoma Benign	
Kidney		Nephropathy	Chronic, Marked
Lacrimal Gland		Inflammation	Chronic, Moderate
		Karyomegaly	Moderate
Note: [INFLAMMATION] TGLs = 2-11			
Nose	Olfactory Epi	Degeneration	Mild
		Foreign Body	Moderate
	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Membranous, Mild
		Inflammation	Suppurative, Mild
	Olfactory Epi	Metaplasia	Mild
	Respirat Epith	Metaplasia	Squamous, Minimal
Preputial Gland		Inflammation	Suppurative, Marked
Note: [INFLAMMATION] TGLs = 1-7			
Testes		Mineralization	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7137

TRT#: 3

SEX: Male

DAY ON TEST: 650

DOSE: 5 PPM MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7138 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 738
DOSE: 5 PPM MALE **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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
Islets, Pancreatic	Larynx	Liver	Mammary Gland
Pancreas	Prostate	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Trachea	Urinary Bladder		

MISSING

Lymph Node - Bronchial Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Moderate
	Medulla	Pheochromocytoma Benign	Multiple
	Cortex	Vacuolization Cytoplasmic	Moderate
Kidney		Cyst	
		Nephropathy	Chronic, Marked
Note: [CYST] TGLs = 4-5			
Lacrimal Gland		Inflammation	Chronic, Moderate
		Karyomegaly	Mild
Note: [INFLAMMATION] TGLs = 5-14			
Lung		Inflammation	Granulomatous, Moderate
Lymph Node	Mandibular	Hyperplasia	Lymphoid, Moderate
Note: [HYPERPLASIA] TGLs = 7-7			
Nose	Olfactory Epi Glands	Degeneration	Moderate
		Dilatation	Mild
		Inflammation	Suppurative, Moderate
	Respirat Epith	Metaplasia	Squamous, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Inflammation	Suppurative, Marked
Note: [INFLAMMATION] TGLs = 1-13			
Salivary Glands		Karyomegaly	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7138

TRT#: 3
DOSE: 5 PPM MALE

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 738
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen Note: [HEMA CELL PROL] TGLs = 2-4		Hematopoietic Cell Proliferation	Moderate
Thyroid Gland Note: [CARCINOMA] TGLs = 3-2	C Cell	Carcinoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7139 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 520
DOSE: 5 PPM MALE **DISP:** Moribund **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Liver
Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland	Pancreas
Pituitary Gland	Prostate	Seminal Vesicle	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

MISSING

Intestine Large - Cecum	Parathyroid Gland
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OBSERVATIONS

Kidney		Nephropathy	Chronic, Moderate
Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
Nose	Olfactory Epi Glands	Degeneration Dilatation	Moderate Mild
	Respirat Epith Olfactory Epi Respirat Epith	Hyperplasia Metaplasia Metaplasia	Minimal Squamous, Minimal Squamous, Mild
Preputial Gland		Inflammation	Suppurative, Marked
Salivary Glands		Inflammation Karyomegaly Sarcoma	Chronic, Minimal Mild
Skin			
Note: [SARCOMA] TGLs = 2,4-11			
Spleen		Hematopoietic Cell Proliferation	Moderate
Testes		Mineralization	Moderate
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7140

TRT#: 3

SEX: Male

DAY ON TEST: 586

DOSE: 5 PPM MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Liver	Lymph Node - Bronchial	Mammary Gland	Pancreas
Prostate	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Intestine Large - Cecum	Lymph Node - Mandibular
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OBSERVATIONS

Adrenal Gland	Cortex	Mineralization	Moderate
	Cortex	Necrosis	Marked
	Medulla	Pheochromocytoma Benign	Multiple
Heart		Cardiomyopathy	Moderate
Kidney		Nephropathy	Chronic, Marked
Note: [NEPHROPATHY] TGLs = 3-5+11			
Lung	Alveolus	Fibrosis	Mild
		Hemorrhage	Moderate
	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Marked
	Alveolus	Inflammation	Suppurative, Mild
	Bronchiole	Inflammation	Suppurative, Mild
Note: [HEMORRHAGE] TGLs = 2-3			
Note: [INFILTRAT CELL] TGLs = 2-3			
Nose	Olfactory Epi	Degeneration	Moderate
	Glands	Dilatation	Mild
	Respirat Epith	Hyperplasia	Mild
		Inflammation	Suppurative, Mild
	Olfactory Epi	Metaplasia	Squamous, Mild
	Respirat Epith	Metaplasia	Squamous, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7140	TRT#: 3 DOSE: 5 PPM MALE	SEX: Male DISP: Moribund	DAY ON TEST: 586 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Parathyroid Gland		Hyperplasia	Multiple, Moderate
Pituitary Gland	Pars Distalis	Cyst	
Note: [CYST] TGLs = 4-8			
Preputial Gland		Inflammation	Suppurative, Marked
Note: [INFLAMMATION] TGLs = 1-7			
Salivary Glands		Inflammation	Chronic, Mild
		Karyomegaly	Moderate
Testes	Seminif Tub	Atrophy	Marked
	Artery	Inflammation	Marked
		Mineralization	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7141 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 626
DOSE: 5 PPM MALE **DISP:** Dead **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Colon	Intestine Large - Rectum
Islets, Pancreatic	Larynx	Liver	Lung
Mammary Gland	Pancreas	Parathyroid Gland	Preputial Gland
Prostate	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Lymph Node - Bronchial	Lymph Node - Mandibular
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AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Heart	Artery	Inflammation	Marked
Kidney	Pelvis	Mineralization	Moderate
		Nephropathy	Chronic, Marked
Note: [NEPHROPATHY] TGLs = 2-5+11			
Lacrimal Gland		Inflammation	Chronic, Moderate
		Karyomegaly	Marked
Note: [INFLAMMATION] TGLs = 3-12			
Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Hyperplasia	Mild
	Respirat Epith	Metaplasia	Squamous, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Salivary Glands		Inflammation	Chronic, Mild
		Karyomegaly	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7142

TRT#: 3

SEX: Male

DAY ON TEST: 531

DOSE: 5 PPM MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large - Colon
Intestine Small - Duodenum	Islets, Pancreatic	Liver	Lymph Node - Bronchial
Lymph Node - Mandibular	Mammary Gland	Pancreas	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Seminal Vesicle
Spleen	Stomach - Forestomach	Testes	Thymus
Urinary Bladder			

MISSING

Intestine Large - Cecum	Parathyroid Gland
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AUTO PRECLUDES DIAG.

Intestine Small - Ileum	Intestine Small - Jejunum	Larynx	Stomach - Glandular
Trachea			

INSUFFICIENT TISSUE

Intestine Large - Rectum

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Marked
Kidney		Nephropathy	Chronic, Marked
Lung	Artery	Mineralization	Moderate
Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Hyperplasia	Mild
		Inflammation	Suppurative, Minimal
	Respirat Epith	Metaplasia	Squamous, Mild
Skin		Inflammation	Suppurative, Marked
Thyroid Gland	C Cell	Adenoma	
	Follicular Cel	Adenoma	

Note: LESIONS MIGHT NOT BE DETECTABLE

Note: IS SEVERELY AUTOLYZED AND IN WHICH SUBTLE C CELL

Note: OF A TUMOR THAT CAN BE DIAGNOSISED IN A TISSUE WHICH

Note: THE THYROID TUMOR IN THIS ANIMAL IS A GOOD EXAMPLE

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7142

TRT#: 3

SEX: Male

DAY ON TEST: 531

DOSE: 5 PPM MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7143

TRT#: 3

SEX: Male

DAY ON TEST: 635

DOSE: 5 PPM MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Mammary Gland
Parathyroid Gland	Prostate	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Trachea	Urinary Bladder

MISSING

Epididymis

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
	Cortex	Lymphoma Malignant Histiocytic	
	Medulla	Lymphoma Malignant Histiocytic	
Brain		Hemorrhage	Moderate
Heart		Lymphoma Malignant Histiocytic	
Kidney		Lymphoma Malignant Histiocytic	
		Nephropathy	Chronic, Marked
Liver		Lymphoma Malignant Histiocytic	
Lung		Hemorrhage	Moderate
		Lymphoma Malignant Histiocytic	
Lymph Node	Bronchial	Lymphoma Malignant Histiocytic	
	Mandibular	Lymphoma Malignant Histiocytic	
	Renal	Lymphoma Malignant Histiocytic	
Note: [LYMPH MAL HIST] TGLs = 3-13			
Note: [LYMPH MAL HIST] TGLs = 2-3			
Nose	Olfactory Epi	Degeneration	Mild
	Glands	Dilatation	Mild
		Lymphoma Malignant Histiocytic	
	Olfactory Epi	Metaplasia	Squamous, Minimal
Pancreas		Lymphoma Malignant Histiocytic	
Pituitary Gland		Lymphoma Malignant Histiocytic	
Preputial Gland		Inflammation	Suppurative, Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7143

TRT#: 3

SEX: Male

DAY ON TEST: 635

DOSE: 5 PPM MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Seminal Vesicle

Inflammation

Suppurative, Marked

Lymphoma Malignant Histiocytic

Spleen

Hemorrhage

Marked

Infarct

Moderate

Lymphoma Malignant Histiocytic

Note: [INFARCT] TGLs = 5-12

Note: [LYMPH MAL HIST] TGLs = 1-4+11+12

Note: [HEMORRHAGE] TGLs = 4-11

Testes

Mineralization

Mild

Thymus

Lymphoma Malignant Histiocytic

Thyroid Gland

C Cell

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7144	TRT#: 3 DOSE: 5 PPM MALE	SEX: Male DISP: Moribund	DAY ON TEST: 704 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Epididymis	Esophagus
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Mammary Gland
Parathyroid Gland	Skin	Stomach - Forestomach	Trachea

MISSING

Intestine Large - Cecum

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Moderate
Bone Marrow		Lymphoma Malignant	
Brain		Hemorrhage	Moderate
[Hemorrhage TGLS = 3-1]			
Heart		Lymphoma Malignant	
Kidney		Nephropathy	Chronic, Moderate
Liver		Lymphoma Malignant	
Note: [LYMPH MAL] TGLs = 1-4			
Lung		Hemorrhage	Moderate
Note: [HEMORRHAGE] TGLs = 2-3			
Lymph Node	Bronchial	Lymphoma Malignant	
	Mandibular	Lymphoma Malignant	
Nose	Olfactory Epi	Degeneration	Mild
	Glands	Dilatation	Mild
	Respirat Epith	Hyperplasia	Minimal
	Olfactory Epi	Metaplasia	Squamous, Minimal
	Respirat Epith	Metaplasia	Squamous, Minimal
Pancreas		Lymphoma Malignant	
Pituitary Gland		Lymphoma Malignant	
Preputial Gland		Lymphoma Malignant	
Prostate		Lymphoma Malignant	
Salivary Glands		Karyomegaly	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7144	TRT#: 3 DOSE: 5 PPM MALE	SEX: Male DISP: Moribund	DAY ON TEST: 704 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS			
Seminal Vesicle		Lymphoma Malignant	
Spleen		Hemorrhage	Marked
		Lymphoma Malignant	
Note: [LYMPH MAL] TGLs = 4-4			
Note: [HEMORRHAGE] TGLs = 4-12			
Stomach	Glandular	Lymphoma Malignant	
	Glandular	Necrosis	Moderate
Note: [NECROSIS] TGLs = 5-8			
Testes		Lymphoma Malignant	
Thymus		Lymphoma Malignant	
Thyroid Gland	C Cell	Adenoma	
Urinary Bladder		Lymphoma Malignant	

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7145 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 738
DOSE: 5 PPM MALE **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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
Islets, Pancreatic	Larynx	Lymph Node - Mandibular	Mammary Gland
Pancreas	Parathyroid Gland	Prostate	Seminal Vesicle
Skin	Spleen	Stomach - Glandular	Testes
Thymus	Trachea	Urinary Bladder	

MISSING

Lymph Node - Bronchial	Stomach - Forestomach
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Moderate
	Medulla	Pheochromocytoma Benign	
	Cortex	Vacuolization Cytoplasmic	Moderate
Kidney		Nephropathy	Chronic, Moderate
Lacrimal Gland		Inflammation	Chronic, Moderate
		Karyomegaly	Moderate
Note: [INFLAMMATION] TGLs = 2-13			
Liver	Bile Duct	Fibrosis	Mild
Lung	Alveolar Epith	Hyperplasia	Marked
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
	Artery	Mineralization	Marked
Note: [HYPERPLASIA] TGLs = 1-11			
Nose	Olfactory Epi	Degeneration	Mild
	Glands	Dilatation	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Suppurative, Marked
Note: [INFLAMMATION] TGLs = 3-14			
Salivary Glands		Karyomegaly	Mild
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7145

TRT#: 3

DOSE: 5 PPM MALE

SEX: Male

DISP: Terminal Sacrifice

DAY ON TEST: 738

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7146 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 638
DOSE: 5 PPM MALE **DISP:** Moribund **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Moderate
	Medulla	Hyperplasia	Moderate
	Cortex	Inflammation	Chronic, Moderate
	Cortex	Vacuolization Cytoplasmic	Moderate
Heart		Cardiomyopathy	Moderate
Kidney	Pelvis	Inflammation	Suppurative, Marked
		Nephropathy	Chronic, Marked
Lacrimal Gland		Inflammation	Chronic, Mild
		Karyomegaly	Moderate
Note: [INFLAMMATION] TGLs = 6-11			
Liver		Hematopoietic Cell Proliferation	Moderate
Note: [HEMA CELL PROL] TGLs = 4-4			
Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Artery	Inflammation	Marked
		Leukocytosis	Marked
Note: [LEUKOCYTOSIS] TGLs = 5-3			
Nose	Olfactory Epi	Degeneration	Moderate
	Glands	Dilatation	Minimal
		Inflammation	Suppurative, Mild
	Olfactory Epi	Metaplasia	Squamous, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7146

TRT#: 3

SEX: Male

DAY ON TEST: 638

DOSE: 5 PPM MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Respirat Epith

Metaplasia

Squamous, Minimal

Pancreas

Inflammation

Chronic, Marked

Preputial Gland

Inflammation

Suppurative, Mild

Prostate

Inflammation

Suppurative, Marked

Seminal Vesicle

Sarcoma

Metastatic (Seminal Vesicle)

Sarcoma

Note: [SARCOMA] TGLs = 2,3-13+14+15

Spleen

Hematopoietic Cell Proliferation

Marked

Urinary Bladder

Inflammation

Suppurative, Marked

Sarcoma

Metastatic (Seminal Vesicle)

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7147	TRT#: 3 DOSE: 5 PPM MALE	SEX: Male DISP: Dead	DAY ON TEST: 606 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Islets, Pancreatic	Larynx	Liver	Lymph Node - Bronchial
Lymph Node - Mandibular	Pancreas	Parathyroid Gland	Preputial Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Intestine Large - Cecum	Mammary Gland
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AUTO PRECLUDES DIAG.

Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Nose			

OBSERVATIONS

Intestine Large	Artery, Rectum	Inflammation	Moderate
Kidney		Nephropathy	Chronic, Marked
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
	Artery	Inflammation	Marked
	Artery	Mineralization	Marked

Nose

Note: AUTOLYSIS OF THE NOSE MAKES INTERPRETATION OF

Note: THE LESIONS IMPOSSIBLE.

Pituitary Gland	Pars Distalis	Adenoma
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7148 **TRT#:** 3 **SEX:** Male **DAY ON TEST:** 659
DOSE: 5 PPM MALE **DISP:** Dead **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Heart	Islets, Pancreatic
Larynx	Lymph Node - Mandibular	Mammary Gland	Pancreas
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Lymph Node - Bronchial	Parathyroid Gland
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AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum		

OBSERVATIONS

Brain		Gliosis	Moderate
Kidney		Nephropathy	Chronic, Marked
Lacrimal Gland		Inflammation	Chronic, Moderate
		Karyomegaly	Moderate
Note: [INFLAMMATION] TGLs = 2-11			
Liver		Hepatocellular Carcinoma	
Note: THE ERROR WAS MADE IN RECORDING THE LESION AT NECROPSY.			
Note: DIAPHRAGMATIC LOBE OF THE LUNG. I AM ASSUMING THAT			
Note: LIVER ON SLIDE 13 WAS SUPPOSED TO CONTAIN THE			
Lung	Artery	Mineralization	Marked
Note: LUNG DIFFICULT TO EVALUATE DUE TO AUTOLYSIS.			
Nose	Olfactory Epi Glands	Degeneration	Mild
	Respirat Epith	Dilatation	Moderate
	Olfactory Epi	Hyperplasia	Minimal
Pituitary Gland	Pars Distalis	Metaplasia	Squamous, Minimal
Preputial Gland		Adenoma	
		Inflammation	Suppurative, Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7148

TRT#: 3

SEX: Male

DAY ON TEST: 659

DOSE: 5 PPM MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
 Test Type: CHRONIC
 Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Allyl glycidyl ether
 CAS Number: 106-92-3

Date Report Requested: 10/23/2014
 Time Report Requested: 11:39:25
 First Dose M/F: NA / NA
 Lab: BNW

ANIMAL ID: 7149 TRT#: 3 SEX: Male DAY ON TEST: 500
 DOSE: 5 PPM MALE DISP: Dead HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Liver
Lymph Node - Mandibular	Mammary Gland	Pancreas	Pituitary Gland
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Esophagus	Intestine Large - Cecum	Parathyroid Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Moderate
	Medulla	Pheochromocytoma Benign	
Heart	Atrium	Thrombosis	
Note: [THROMBUS] TGLs = 1-11			
Kidney		Nephropathy	Chronic, Marked
Lung	Alveolus	Edema	Marked
	Alveolus	Fibrosis	Moderate
		Hemorrhage	Marked
	Alveolar Epith	Hyperplasia	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Marked
Lymph Node		Fibrosis	Moderate
	Bronchial	Inflammation	Granulomatous, Moderate
Nose	Olfactory Epi	Degeneration	Moderate
	Glands	Dilatation	Mild
	Respirat Epith	Hyperplasia	Moderate
	Nasolacrim Dct	Inflammation	Suppurative, Moderate
		Inflammation	Suppurative, Moderate
	Olfactory Epi	Metaplasia	Squamous, Mild
	Respirat Epith	Metaplasia	Squamous, Mild
Preputial Gland		Inflammation	Suppurative, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7149

TRT#: 3
DOSE: 5 PPM MALE

SEX: Male
DISP: Dead

DAY ON TEST: 500
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Prostate
Note: [INFLAMMATION] TGLs = 2-8

Inflammation

Suppurative, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7150

TRT#: 3

SEX: Male

DAY ON TEST: 413

DOSE: 5 PPM MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Rectum
Larynx
Parathyroid Gland
Seminal Vesicle
Stomach - Glandular
Trachea

Adrenal Gland - Medulla
Epididymis
Intestine Small - Duodenum
Liver
Pituitary Gland
Skin
Testes
Urinary Bladder

Bone
Esophagus
Intestine Small - Ileum
Mammary Gland
Preputial Gland
Spleen
Thymus

Bone Marrow
Intestine Large - Colon
Islets, Pancreatic
Pancreas
Prostate
Stomach - Forestomach
Thyroid Gland

MISSING

Intestine Large - Cecum

Lymph Node - Bronchial

Lymph Node - Mandibular

Salivary Glands

AUTO PRECLUDES DIAG.

Intestine Small - Jejunum

OBSERVATIONS

Heart
Kidney
Lung

Nose

Alveolus
Artery
Olfactory Epi
Respirat Epith

Cardiomyopathy
Nephropathy
Infiltration Cellular
Mineralization
Degeneration
Hyperplasia
Inflammation

Moderate
Chronic, Moderate
Histiocyte, Moderate
Moderate
Mild
Mild
Suppurative, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8101

TRT#: 5

SEX: Male

DAY ON TEST: 600

DOSE: 10 PPM MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Islets, Pancreatic
Larynx	Lymph Node - Mandibular	Mammary Gland	Pancreas
Parathyroid Gland	Pituitary Gland	Preputial Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

MISSING

Lymph Node - Bronchial

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum		

OBSERVATIONS

Heart	Artery	Mineralization	Moderate
	Atrium	Thrombosis	
Kidney		Cyst	
		Nephropathy	Chronic, Moderate
Note: [CYST] TGLs = 2-5+11			
Liver	Bile Duct	Cyst	
Note: POOR HISTOLOGY ON THIS RAT!!!			
Lung		Hemorrhage	Mild
	Alveolus	Inflammation	Suppurative, Mild
Nose	Olfactory Epi	Degeneration	Moderate
	Glands	Dilatation	Mild
	Respirat Epith	Hyperplasia	Mild
		Inflammation	Suppurative, Minimal
	Olfactory Epi	Metaplasia	Squamous, Mild
	Respirat Epith	Metaplasia	Squamous, Moderate
Note: LESIONS IN CROSS SECTIONS #1 AND #2.			
Testes		Mineralization	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8101

TRT#: 5
DOSE: 10 PPM MALE

SEX: Male
DISP: Dead

DAY ON TEST: 600
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	C Cell	Adenoma
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PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8102 TRT#: 5 SEX: Male DAY ON TEST: 570
DOSE: 10 PPM MALE DISP: Dead HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Heart	Intestine Large - Rectum	Islets, Pancreatic
Liver	Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland
Pancreas	Parathyroid Gland	Preputial Gland	Prostate
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland

MISSING

Intestine Large - Cecum

AUTO PRECLUDES DIAG.

Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Larynx
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
	Medulla	Pheochromocytoma Benign	Multiple
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Moderate
Lung	Artery	Mineralization	Moderate
Note: IMPOSSIBLE.			
Note: SEVERE AUTOLYSIS MAKES INTERPRETATION OF BRONCHI			
Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Hyperplasia	Mild
	Respirat Epith	Metaplasia	Squamous, Moderate
Note: RECUT SL 9 XS#1 AND #2 FOR BETTER HISTOLOGY.			
Note: LESIONS XS#1			
Pituitary Gland	Pars Distalis	Adenoma	
Salivary Glands		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8103

TRT#: 5

SEX: Male

DAY ON TEST: 617

DOSE: 10 PPM MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Liver	Lung
Lymph Node - Bronchial	Mammary Gland	Pancreas	Parathyroid Gland
Pituitary Gland	Preputial Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Intestine Large - Cecum	Lacrimal Gland
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OBSERVATIONS

Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Moderate
Lacrimal Gland			
Note: "LACRIMAL GLAND" ON SL. 12 IS LN.			
Liver			
Note: RECUT LIVER BLOCK AND RECHECKED WET TISSUE:NO LESION			
Lymph Node	Mandibular	Hyperplasia	Lymphoid, Mild
Note: [HYPERPLASIA] TGLs = 1-7			
Nose	Olfactory Epi	Degeneration	Moderate
	Olfactory Epi	Metaplasia	Squamous, Mild
Note: RECUT XS 3 FOR BETTER HISTOLOGY-STILL NO LESION			
Note: LESION IN XS#2 DORSAL WALL.			
Prostate		Inflammation	Suppurative, Moderate
Seminal Vesicle		Inflammation	Suppurative, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8104

TRT#: 5

SEX: Male

DAY ON TEST: 108

DOSE: 10 PPM MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain	Esophagus	Heart	Kidney
Liver	Skin	Spleen	Testes
Thymus			

MISSING

Epididymis	Intestine Large - Cecum	Mammary Gland	Parathyroid Gland
Pituitary Gland	Preputial Gland	Thyroid Gland	

AUTO PRECLUDES DIAG.

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lung
Lymph Node - Bronchial	Lymph Node - Mandibular	Nose	Pancreas
Prostate	Salivary Glands	Seminal Vesicle	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8105

TRT#: 5

SEX: Male

DAY ON TEST: 482

DOSE: 10 PPM MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Colon	Intestine Large - Rectum
Islets, Pancreatic	Larynx	Liver	Lung
Mammary Gland	Pancreas	Parathyroid Gland	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Urinary Bladder

MISSING

Intestine Large - Cecum	Lymph Node - Bronchial	Lymph Node - Mandibular
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AUTO PRECLUDES DIAG.

Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Trachea
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Heart		Cardiomyopathy	Moderate
	Ventricl Rgt	Dilatation	Mild
	Atrium	Thrombosis	
	Ventricle	Thrombosis	
Note: [DILATATION] TGLs = 2-4			
Kidney		Nephropathy	Chronic, Moderate
Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Metaplasia	Squamous, Minimal

Note: LESION XS#1 TURB. TIP.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8106 **TRT#:** 5 **SEX:** Male **DAY ON TEST:** 599
DOSE: 10 PPM MALE **DISP:** Dead **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Islets, Pancreatic	Larynx	Lymph Node - Bronchial
Lymph Node - Mandibular	Mammary Gland	Pancreas	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Intestine Large - Cecum	Parathyroid Gland
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AUTO PRECLUDES DIAG.

Intestine Small - Ileum	Intestine Small - Jejunum
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Moderate
	Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Chronic, Marked
Liver	Bile Duct	Fibrosis	Mild
Lung	Alveolus	Infiltration Cellular	Histiocyte, Moderate
	Artery	Mineralization	Moderate
[Mineralization TGLS = 1-11]			
Nose	Olfactory Epi	Degeneration	Mild
		Inflammation	Suppurative, Minimal
	Respirat Epith	Metaplasia	Squamous, Minimal
Preputial Gland		Inflammation	Suppurative, Moderate
Thymus	Artery	Inflammation	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8107

TRT#: 5

SEX: Male

DAY ON TEST: 739

DOSE: 10 PPM MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Liver
Lymph Node - Bronchial	Mammary Gland	Pancreas	Parathyroid Gland
Prostate	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Intestine Large	Cecum	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Marked
Lacrimal Gland		Hyperplasia	Moderate
		Inflammation	Chronic, Moderate
		Karyomegaly	Marked
Note: [INFLAMMATION] TGLs = 1-11			
Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Artery	Mineralization	Mild
Lymph Node	Mandibular	Inflammation	Suppurative, Minimal
Nose	Respirat Epith	Adenoma	Papillary
	Olfactory Epi	Degeneration	Moderate
	Glands	Dilatation	Mild
		Inflammation	Suppurative, Mild
	Olfactory Epi	Metaplasia	Squamous, Mild
	Respirat Epith	Metaplasia	Squamous, Mild
Note: TUMOR IN XS#1			
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Cyst	
		Inflammation	Suppurative, Moderate
Note: [INFLAMMATION] TGLs = 2-7			
Salivary Glands		Karyomegaly	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8107

TRT#: 5
DOSE: 10 PPM MALE

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 739
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland

C Cell
C Cell

Adenoma
Hyperplasia
Ultimobranchial Cyst

Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8108 **TRT#:** 5 **SEX:** Male **DAY ON TEST:** 537
DOSE: 10 PPM MALE **DISP:** Dead **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Islets, Pancreatic	Larynx
Lymph Node - Bronchial	Lymph Node - Mandibular	Parathyroid Gland	Pituitary Gland
Preputial Gland	Prostate	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Intestine Large - Cecum	Mammary Gland
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AUTO PRECLUDES DIAG.

Intestine Small - Ileum	Intestine Small - Jejunum
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OBSERVATIONS

Adrenal Gland	Cortex	Necrosis	Marked
Kidney		Nephropathy	Chronic, Marked
Liver	Bile Duct	Fibrosis	Mild
		Necrosis	Marked
Lung	Alveolus	Edema	Minimal
Mesentery	Artery	Inflammation	Marked
Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Hyperplasia	Moderate
		Inflammation	Suppurative, Moderate
	Olfactory Epi	Metaplasia	Squamous, Mild
	Respirat Epith	Metaplasia	Squamous, Mild
Note: GOOD LESIONS IN XS#3-DEGEN,SQ METAPL,INFLAM.			
Pancreas	Artery	Inflammation	Moderate
Salivary Glands		Karyomegaly	Mild
Testes	Artery	Inflammation	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8109 TRT#: 5 SEX: Male DAY ON TEST: 300
DOSE: 10 PPM MALE DISP: Dead HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Heart	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Liver	Lung	Lymph Node - Bronchial
Mammary Gland	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Intestine Large - Cecum	Lymph Node - Mandibular	Preputial Gland
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AUTO PRECLUDES DIAG.

Intestine Small - Duodenum

OBSERVATIONS

Brain		Oligodendroglioma Malignant	
Kidney		Nephropathy	Chronic, Moderate
Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Squamous, Minimal
	Respirat Epith	Metaplasia	Squamous, Mild
Note: RECUT XS 2--DEGEN.OLFACTORY EPITH.			
Note: DEGEN IN XS#2 AND 3;ORDERED RECUT OF #2.			
Salivary Glands		Karyomegaly	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8110

TRT#: 5
DOSE: 10 PPM MALE

SEX: Male
DISP: Moribund

DAY ON TEST: 694
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood	Bone
Bone Marrow	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Liver	Parathyroid Gland	Preputial Gland	Prostate
Seminal Vesicle	Spleen	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder		

MISSING

Mammary Gland Skin

OBSERVATIONS

Heart	Atrium	Thrombosis	
Note: [THROMBUS] TGLs = 3,8-12			
Kidney		Nephropathy	Chronic, Marked
Lung	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
	Alveolus	Inflammation	Suppurative, Mild
Note: [INFILTRAT CELL] TGLs = 2-3			
Lymph Node	Bronchial	Hemorrhage	Marked
	Mandibular	Inflammation	Suppurative, Mild
Note: [HEMORRHAGE] TGLs = 4-11			
Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Hyperplasia	Mild
	Respirat Epith	Metaplasia	Squamous, Moderate
Note: SQ METAPL XS#1;DEGEN XS#2 ONLY.			
Pancreas	Artery	Inflammation	Marked
Pituitary Gland	Pars Distalis	Adenoma	
Salivary Glands		Inflammation	Chronic, Mild
		Karyomegaly	Mild
Testes	Artery	Inflammation	Moderate
Thymus		Hemorrhage	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8110	TRT#: 5 DOSE: 10 PPM MALE	SEX: Male DISP: Moribund	DAY ON TEST: 694 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
Thyroid Gland	C Cell	Thrombosis Hyperplasia	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
 Test Type: CHRONIC
 Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Allyl glycidyl ether
 CAS Number: 106-92-3

Date Report Requested: 10/23/2014
 Time Report Requested: 11:39:25
 First Dose M/F: NA / NA
 Lab: BNW

ANIMAL ID: 8111 TRT#: 5 SEX: Male DAY ON TEST: 674
 DOSE: 10 PPM MALE DISP: Dead HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Islets, Pancreatic	Larynx	Lymph Node - Mandibular
Mammary Gland	Pancreas	Parathyroid Gland	Pituitary Gland
Preputial Gland	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea

AUTO PRECLUDES DIAG.

Intestine Small - Ileum Intestine Small - Jejunum

OBSERVATIONS

Adrenal Gland	Medulla	Hemorrhage	Mild
	Cortex	Vacuolization Cytoplasmic	Moderate
Heart	Artery	Mineralization	Moderate
	Atrium	Thrombosis	
Note: [THROMBUS] TGLs = 2-11			
Kidney		Nephropathy	Chronic, Marked
Note: [NEPHROPATHY] TGLs = 3-5			
Liver	Bile Duct	Fibrosis	Moderate
	Bile Duct	Hyperplasia	Mild
Lung		Hemorrhage	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
	Alveolus	Inflammation	Suppurative, Mild
Lymph Node	Bronchial	Hemorrhage	Moderate
[Hemorrhage TGLS = 1-3]			
Nose	Olfactory Epi	Degeneration	Moderate
	Glands	Dilatation	Minimal
	Respirat Epith	Hyperplasia	Mild
		Inflammation	Suppurative, Mild
	Olfactory Epi	Metaplasia	Squamous, Minimal
	Respirat Epith	Metaplasia	Squamous, Moderate

Note: LESIONS IN CROSS-SECTIONS #1 AND #2

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8111

TRT#: 5
DOSE: 10 PPM MALE

SEX: Male
DISP: Dead

DAY ON TEST: 674
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Prostate		Inflammation	Suppurative, Marked
Salivary Glands		Inflammation	Chronic, Mild
		Karyomegaly	Mild
Seminal Vesicle		Inflammation	Suppurative, Marked
Testes	Seminif Tub	Atrophy	Marked
		Mineralization	Marked
Urinary Bladder		Hyperplasia	Moderate
		Inflammation	Suppurative, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8112 **TRT#:** 5 **SEX:** Male **DAY ON TEST:** 592
DOSE: 10 PPM MALE **DISP:** Moribund **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Liver
Lymph Node - Mandibular	Mammary Gland	Preputial Gland	Seminal Vesicle
Skin	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

MISSING

Adrenal Gland - Medulla	Intestine Large - Cecum	Lymph Node - Bronchial	Parathyroid Gland
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OBSERVATIONS

Bone	Cranium	Squamous Cell Carcinoma	Metastatic (Nose)
Heart	Atrium	Thrombosis	
Intestine Small	Artery, Ileum	Inflammation	Marked
Kidney		Nephropathy	Chronic, Marked
Lung	Artery	Inflammation	Marked
	Alveolus	Mineralization	Moderate
Nose	Olfactory Epi	Degeneration	Marked
	Glands	Dilatation	Minimal
	Respirat Epith	Hyperplasia	Marked
		Inflammation	Suppurative, Moderate
	Olfactory Epi	Metaplasia	Squamous, Minimal
	Respirat Epith	Metaplasia	Squamous, Marked
	Respirat Epith	Squamous Cell Carcinoma	
Note: NOSE LESIONS ARE IN CROSS-SECTIONS #1 AND #2			
Pancreas		Infarct	Marked
	Artery	Thrombosis	
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Prostate		Mineralization	Marked
Salivary Glands		Karyomegaly	Mild
Spleen		Infarct	Marked
Stomach	Forestomach	Inflammation	Suppurative, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8112

TRT#: 5
DOSE: 10 PPM MALE

SEX: Male
DISP: Moribund

DAY ON TEST: 592
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Testes		Infarct	Marked
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: THE TUMOR IN THE NOSE.

Animal Note: BREATHING WHICH IS SECONDARY TO THE PRESENCES OF

Animal Note: DILATATION OF GI TRACK SECONDARY TO MOUTH

Experiment Number: 05080-01
 Test Type: CHRONIC
 Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Allyl glycidyl ether
 CAS Number: 106-92-3

Date Report Requested: 10/23/2014
 Time Report Requested: 11:39:25
 First Dose M/F: NA / NA
 Lab: BNW

ANIMAL ID: 8113	TRT#: 5 DOSE: 10 PPM MALE	SEX: Male DISP: Moribund	DAY ON TEST: 652 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Liver	Lymph Node - Bronchial	Lymph Node - Mandibular
Mammary Gland	Parathyroid Gland	Pituitary Gland	Preputial Gland
Prostate	Seminal Vesicle	Spleen	Stomach - Forestomach
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Thymus

OBSERVATIONS

Adrenal Gland Note: [PHEOCHROM BGN] TGLs = 2,3-5+11	Medulla	Pheochromocytoma Benign	Multiple
Heart		Cardiomyopathy	Mild
Intestine Large	Artery, Cecum	Inflammation	Marked
Kidney Note: [NEPHROPATHY] TGLs = 1-5		Nephropathy	Chronic, Marked
Lacrimal Gland Note: [INFLAMMATION] TGLs = 5-13		Inflammation Karyomegaly	Chronic, Moderate Moderate
Lung	Alveolus Artery	Infiltration Cellular Inflammation Inflammation	Histiocyte, Mild Marked Granulomatous, Mild
Nose	Olfactory Epi Olfactory Epi Olfactory Epi Respirat Epith	Degeneration Inflammation Metaplasia Metaplasia Metaplasia	Moderate Membranous, Minimal Squamous, Minimal Minimal Squamous, Mild
Pancreas	Artery	Inflammation	Marked
Salivary Glands		Karyomegaly	Mild
Skin		Fibroma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8113

TRT#: 5
DOSE: 10 PPM MALE

SEX: Male
DISP: Moribund

DAY ON TEST: 652
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [FIBROMA] TGLs = 4-12

Stomach	Artery, Glandular	Inflammation	Marked
Testes	Artery	Inflammation	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
 Test Type: CHRONIC
 Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Allyl glycidyl ether
 CAS Number: 106-92-3

Date Report Requested: 10/23/2014
 Time Report Requested: 11:39:25
 First Dose M/F: NA / NA
 Lab: BNW

ANIMAL ID: 8114 TRT#: 5 SEX: Male DAY ON TEST: 678
 DOSE: 10 PPM MALE DISP: Dead HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Islets, Pancreatic	Larynx	Liver
Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder		

MISSING

Intestine Small - Duodenum Thymus

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum
Intestine Small - Jejunum			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Moderate
	Medulla	Pheochromocytoma Benign	
	Cortex	Vacuolization Cytoplasmic	Moderate
Heart		Cardiomyopathy	Marked
Kidney		Nephropathy	Chronic, Marked
Lacrimal Gland		Inflammation	Chronic, Moderate
		Karyomegaly	Moderate
Note: [INFLAMMATION] TGLs = 2-12			
Lung	Alveolus	Infiltration Cellular	Histiocyte, Moderate
	Artery	Inflammation	Marked
Note: AUTOLYSIS IS PRESENT IN LUNG			
Nose	Olfactory Epi	Degeneration	Moderate
	Olfactory Epi	Metaplasia	Squamous, Mild
	Respirat Epith	Metaplasia	Squamous, Mild
Note: LESIONS IN CROSS-SECTION #1 AND #2			
Preputial Gland		Inflammation	Suppurative, Moderate
Note: [INFLAMMATION] TGLs = 1-7			
Salivary Glands		Karyomegaly	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8114

TRT#: 5
DOSE: 10 PPM MALE

SEX: Male
DISP: Dead

DAY ON TEST: 678
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Artery	Inflammation	Marked
Thyroid Gland	Follicular Cel	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
 Test Type: CHRONIC
 Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Allyl glycidyl ether
 CAS Number: 106-92-3

Date Report Requested: 10/23/2014
 Time Report Requested: 11:39:25
 First Dose M/F: NA / NA
 Lab: BNW

ANIMAL ID: 8115 TRT#: 5 SEX: Male DAY ON TEST: 739
 DOSE: 10 PPM MALE DISP: Terminal Sacrifice HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Liver	Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland
Pituitary Gland	Skin	Spleen	Stomach - Glandular
Trachea			

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Malignant	
	Cortex	Vacuolization Cytoplasmic	Mild
Note: [PHEOCHROM MAL] TGLs = 1-12			
Heart		Cardiomyopathy	Mild
Kidney	Pelvis	Hyperplasia	Moderate
	Pelvis	Inflammation	Suppurative, Marked
		Nephropathy	Chronic, Marked
Note: [NEPHROPATHY] TGLs = 2-5+12			
Lacrimal Gland		Inflammation	Chronic, Moderate
		Karyomegaly	Marked
Note: [INFLAMMATION] TGLs = 3-11			
Larynx		Inflammation	Chronic, Mild
Lung	Alveolus	Infiltration Cellular	Histiocyte, Moderate
	Artery	Inflammation	Marked
Nose	Olfactory Epi	Degeneration	Moderate
	Glands	Dilatation	Minimal
		Foreign Body	Mild
	Respirat Epith	Hyperplasia	Marked
	Nasolacrim Dct	Inflammation	Suppurative, Moderate
		Inflammation	Suppurative, Marked
	Olfactory Epi	Metaplasia	Squamous, Mild
	Respirat Epith	Metaplasia	Squamous, Marked

Note: NOSE LESIONS ARE IN XS 1 AND 2

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8115	TRT#: 5	SEX: Male	DAY ON TEST: 739
	DOSE: 10 PPM MALE	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas		Fibrosis	Marked
	Artery	Inflammation	Marked
Note: THIS IS ADHESION OF PANCREAS TO STOMACH			
Parathyroid Gland		Hyperplasia	Moderate
Preputial Gland		Inflammation	Suppurative, Marked
Prostate	Epithelium	Hyperplasia	Mild
		Inflammation	Suppurative, Marked
Salivary Glands		Karyomegaly	Mild
Seminal Vesicle	Artery	Inflammation	Marked
		Inflammation	Suppurative, Marked
Stomach	Forestomach	Squamous Cell Carcinoma	
Note: ON SLIDE #14. DIFFERENTIAL DIAGNOSIS PAPILOMA			
Note: [SQUAM CEL CARC] TGLs = 4-13+14			
Note: SQUAM CEL CARC EVEIDENCE OF INVASION OF MUSCLE			
Testes	Artery	Inflammation	Marked
Thymus	Artery	Inflammation	Moderate
Thyroid Gland	C Cell	Adenoma	Multiple
Urinary Bladder		Hyperplasia	Marked
		Inflammation	Suppurative, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8116 **TRT#:** 5 **SEX:** Male **DAY ON TEST:** 666
DOSE: 10 PPM MALE **DISP:** Dead **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic	Liver
Lymph Node - Bronchial	Mammary Gland	Pancreas	Parathyroid Gland
Preputial Gland	Prostate	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Small - Ileum
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OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Mild
Kidney	Pelvis	Mineralization	Moderate
		Nephropathy	Chronic, Moderate
Larynx		Inflammation	Suppurative, Mild
Lung	Artery	Mineralization	Moderate
Lymph Node	Mandibular	Hemorrhage	Moderate
Nose	Olfactory Epi	Degeneration	Mild
	Glands	Dilatation	Minimal
	Respirat Epith	Hyperplasia	Mild
		Inflammation	Suppurative, Minimal
	Olfactory Epi	Metaplasia	Squamous, Minimal
	Respirat Epith	Metaplasia	Squamous, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Salivary Glands		Inflammation	Chronic, Mild
		Karyomegaly	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
 Test Type: CHRONIC
 Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Allyl glycidyl ether
 CAS Number: 106-92-3

Date Report Requested: 10/23/2014
 Time Report Requested: 11:39:25
 First Dose M/F: NA / NA
 Lab: BNW

ANIMAL ID: 8117 TRT#: 5 SEX: Male DAY ON TEST: 739
 DOSE: 10 PPM MALE DISP: Terminal Sacrifice HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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
Islets, Pancreatic	Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular
Mammary Gland	Parathyroid Gland	Prostate	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Moderate
	Cortex	Vacuolization Cytoplasmic	Moderate
Kidney		Nephropathy	Chronic, Marked
Note: [NEPHROPATHY] TGLs = 1-5			
Liver	Bile Duct	Fibrosis	Mild
Lung	Alveolar Epith	Hyperplasia	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Artery	Mineralization	Mild
Nose	Olfactory Epi	Degeneration	Moderate
	Olfactory Epi	Metaplasia	Minimal
	Olfactory Epi	Metaplasia	Squamous, Minimal
	Respirat Epith	Metaplasia	Squamous, Minimal
Pancreas	Artery	Inflammation	Moderate
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Inflammation	Suppurative, Mild
Salivary Glands		Karyomegaly	Minimal
Testes	Artery	Inflammation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8118 TRT#: 5 SEX: Male DAY ON TEST: 524
DOSE: 10 PPM MALE DISP: Moribund HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Islets, Pancreatic	Larynx
Liver	Pancreas	Parathyroid Gland	Preputial Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Lymph Node - Mandibular	Mammary Gland
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AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Heart	Endocardium	Fibrosis	Marked
Kidney		Nephropathy	Chronic, Marked
Lung	Artery	Mineralization	Moderate
Lymph Node	Bronchial	Hemorrhage	Moderate
Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Hyperplasia	Mild
Pituitary Gland	Pars Distalis	Cyst	
Testes	Seminif Tub	Atrophy	Marked
		Mineralization	Marked

Note: [ATROPHY] TGLs = 1-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8119

TRT#: 5
DOSE: 10 PPM MALE

SEX: Male
DISP: Dead

DAY ON TEST: 590
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Epididymis	Esophagus
Heart	Intestine Large - Colon	Intestine Large - Rectum	Islets, Pancreatic
Larynx	Mammary Gland	Parathyroid Gland	Preputial Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Trachea			

MISSING

Intestine Large - Cecum	Intestine Small - Ileum
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OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Moderate
Bone Marrow		Lymphoma Malignant Histiocytic	
Brain		Lymphoma Malignant Histiocytic	
Harderian Gland		Inflammation	Chronic, Mild
		Karyomegaly	Moderate
Note: [INFLAMMATION] TGLs = 7-14			
Intestine Small	Duodenum	Lymphoma Malignant Histiocytic	
	Jejunum	Lymphoma Malignant Histiocytic	
Kidney		Lymphoma Malignant Histiocytic	
		Nephropathy	Chronic, Moderate
Note: [LYMPH MAL HIST] TGLs = 5-5			
Liver		Lymphoma Malignant Histiocytic	
Lung		Lymphoma Malignant Histiocytic	
Lymph Node	Bronchial	Lymphoma Malignant Histiocytic	
	Inguinal	Lymphoma Malignant Histiocytic	
	Mandibular	Lymphoma Malignant Histiocytic	
	Pancreatic	Lymphoma Malignant Histiocytic	
Note: RENAL LYMPH NODE IS ACTUALLY PANCREATIC LYMPH NODE			
Note: [LYMPH MAL HIST] TGLs = 3-12			
Note: [LYMPH MAL HIST] TGLs = 1-7			
Note: [LYMPH MAL HIST] TGLs = 4-13			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8119	TRT#: 5 DOSE: 10 PPM MALE	SEX: Male DISP: Dead	DAY ON TEST: 590 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Note: [LYMPH MAL HIST] TGLs = 6-3 Nose	Olfactory Epi Glands Nasolacrim Dct Olfactory Epi Olfactory Epi Respirat Epith	Degeneration Dilatation Inflammation Metaplasia Metaplasia Metaplasia	Marked Minimal Suppurative, Mild Squamous, Minimal Minimal Squamous, Minimal
Note: THERE IS DEGEN IN OLFACTORY EPITH IN BOTH XS 2 & 3 Pancreas		Lymphoma Malignant Histiocytic	
Pituitary Gland		Lymphoma Malignant Histiocytic	
Note: [LYMPH MAL HIST] TGLs = 8-8 Spleen		Lymphoma Malignant Histiocytic	
Note: [LYMPH MAL HIST] TGLs = 2-4 Thymus		Lymphoma Malignant Histiocytic	
Urinary Bladder		Lymphoma Malignant Histiocytic	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8120 **TRT#:** 5 **SEX:** Male **DAY ON TEST:** 739
DOSE: 10 PPM MALE **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Heart	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Lymph Node - Bronchial	Preputial Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
	Cortex	Vacuolization Cytoplasmic	Mild
Harderian Gland		Inflammation	Chronic, Moderate
		Karyomegaly	Moderate
Note: [INFLAMMATION] TGLs = 4-12			
Intestine Large	Cecum	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Marked
Note: [NEPHROPATHY] TGLs = 3-5			
Liver		Angiectasis	Mild
Lung	Artery	Inflammation	Marked
	Artery	Mineralization	Moderate
Lymph Node	Mandibular	Hyperplasia	Lymphoid, Mild
Note: [HYPERPLASIA] TGLs = 1-7			
Nose	Olfactory Epi	Degeneration	Mild
	Olfactory Epi	Metaplasia	Squamous, Minimal
	Respirat Epith	Metaplasia	Squamous, Minimal
Note: NOSE LESIONS ON XS #2			
Pancreas	Artery	Inflammation	Marked
Note: [INFLAMMATION] TGLs = 2-4+13			
Pituitary Gland	Pars Intermed	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8120

TRT#: 5
DOSE: 10 PPM MALE

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 739
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Artery	Inflammation	Marked
Thyroid Gland [Carcinoma TGLS = 5-2]	C Cell	Carcinoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8121

TRT#: 5

SEX: Male

DAY ON TEST: 681

DOSE: 10 PPM MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Islets, Pancreatic	Larynx	Liver
Lymph Node - Bronchial	Lymph Node - Mandibular	Pancreas	Preputial Gland
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

MISSING

Mammary Gland	Parathyroid Gland
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AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Small - Ileum	Intestine Small - Jejunum
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OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
	Cortex	Hyperplasia	Moderate
	Cortex	Vacuolization Cytoplasmic	Moderate
Harderian Gland		Inflammation	Chronic, Mild
Note: [INFLAMMATION] TGLs = 3-12			
Heart		Cardiomyopathy	Moderate
Kidney		Cyst	
		Nephropathy	Chronic, Marked
Note: [CYST] TGLs = 2-5			
Note: [NEPHROPATHY] TGLs = 1-5			
Lung	Artery	Mineralization	Marked
Note: LUNG IS BADLY AUTOLYZED AND IS BARELY INTERPRETABLE.			
Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Suppurative, Mild
	Respirat Epith	Metaplasia	Squamous, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Prostate	Artery	Inflammation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8121

TRT#: 5
DOSE: 10 PPM MALE

SEX: Male
DISP: Dead

DAY ON TEST: 681
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Artery	Inflammation	Marked
Thyroid Gland	C Cell	Carcinoma	
Note: [CARCINOMA] TGLs = 4-2			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8122 **TRT#:** 5 **SEX:** Male **DAY ON TEST:** 634
DOSE: 10 PPM MALE **DISP:** Dead **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Liver	Lung	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Glandular	Testes
Thymus	Trachea	Urinary Bladder	

MISSING

Epididymis	Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland
Seminal Vesicle	Stomach - Forestomach		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Moderate
	Cortex	Hypertrophy	Moderate
	Medulla	Pheochromocytoma Benign	
Kidney		Nephropathy	Chronic, Marked
Lacrimal Gland		Inflammation	Chronic, Moderate
		Karyomegaly	Moderate
Note: [INFLAMMATION] TGLs = 2-11			
Nose	Olfactory Epi Glands	Degeneration	Mild
	Respirat Epith	Dilatation	Mild
		Hyperplasia	Minimal
		Inflammation	Membranous, Mild
		Inflammation	Suppurative, Mild
	Respirat Epith	Metaplasia	Squamous, Mild
Preputial Gland		Inflammation	Suppurative, Marked
Note: [INFLAMMATION] TGLs = 1-8			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8123	TRT#: 5 DOSE: 10 PPM MALE	SEX: Male DISP: Dead	DAY ON TEST: 568 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Esophagus	Heart
Parathyroid Gland	Preputial Gland	Skin	Testes
Thymus			

MISSING

Intestine Large - Cecum	Lymph Node - Bronchial	Mammary Gland	
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AUTO PRECLUDES DIAG.

Bone Marrow	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Liver	Lung	Lymph Node - Mandibular
Nose	Pancreas	Prostate	Salivary Glands
Seminal Vesicle	Spleen	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

INSUFFICIENT TISSUE

Epididymis

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
	Cortex	Vacuolization Cytoplasmic	Mild
Note: SEVERE AUTOLYSIS PREVENTS AN ACCURATE ASSESSMENT			
Note: OF LESIONS PRESENT.			
Pituitary Gland	Pars Distalis	Adenoma	

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
 Test Type: CHRONIC
 Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Allyl glycidyl ether
 CAS Number: 106-92-3

Date Report Requested: 10/23/2014
 Time Report Requested: 11:39:25
 First Dose M/F: NA / NA
 Lab: BNW

ANIMAL ID: 8124 TRT#: 5 SEX: Male DAY ON TEST: 264
 DOSE: 10 PPM MALE DISP: Moribund HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Liver	Lymph Node - Bronchial	Lymph Node - Mandibular	Pancreas
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	

MISSING

Intestine Large - Cecum	Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Brain		Hemorrhage	Marked
		Necrosis	Marked
Heart	Myocardium	Hemorrhage	Mild
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Moderate
Lung	Alveolar Epith	Hyperplasia	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
	Alveolus	Inflammation	Suppurative, Moderate
Nose	Olfactory Epi	Degeneration	Marked
	Glands	Dilatation	Minimal
	Respirat Epith	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Squamous, Mild
	Respirat Epith	Metaplasia	Squamous, Moderate
Pituitary Gland	Pars Distalis	Cyst	
Preputial Gland		Inflammation	Suppurative, Mild
Urinary Bladder		Inflammation	Suppurative, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8125 TRT#: 5 SEX: Male DAY ON TEST: 574
DOSE: 10 PPM MALE DISP: Dead HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large - Rectum
Intestine Small - Duodenum	Islets, Pancreatic	Larynx	Liver
Lung	Pancreas	Parathyroid Gland	Pituitary Gland
Preputial Gland	Prostate	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Epididymis	Intestine Large - Cecum	Lymph Node - Bronchial	Lymph Node - Mandibular
Mammary Gland	Salivary Glands		

AUTO PRECLUDES DIAG.

Intestine Large - Colon	Intestine Small - Ileum	Intestine Small - Jejunum
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OBSERVATIONS

Kidney		Nephropathy	Chronic, Marked
Nose	Olfactory Epi Glands	Degeneration Dilatation	Moderate Minimal
	Respirat Epith Olfactory Epi Respirat Epith	Hyperplasia Metaplasia Metaplasia	Moderate Squamous, Mild Squamous, Moderate
Thymus		Carcinoma	Metastatic (Uncertain Primary Site)

Note: LESION IN THYMUS APPEARS AS ENDOCRINE TUMOR.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
 Test Type: CHRONIC
 Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Allyl glycidyl ether
 CAS Number: 106-92-3

Date Report Requested: 10/23/2014
 Time Report Requested: 11:39:25
 First Dose M/F: NA / NA
 Lab: BNW

ANIMAL ID: 8126 TRT#: 5 SEX: Male DAY ON TEST: 282
 DOSE: 10 PPM MALE DISP: Dead HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Heart	Intestine Large - Rectum
Intestine Small - Duodenum	Islets, Pancreatic	Liver	Lymph Node - Bronchial
Lymph Node - Mandibular	Mammary Gland	Pancreas	Parathyroid Gland
Pituitary Gland	Preputial Gland	Prostate	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	

MISSING

Intestine Large - Cecum

AUTO PRECLUDES DIAG.

Intestine Large - Colon Intestine Small - Ileum Intestine Small - Jejunum

OBSERVATIONS

Brain		Hemorrhage	Moderate
Kidney	Glomerulus	Mineralization	Moderate
	Renal Tubule	Mineralization	Moderate
		Nephropathy	Chronic, Mild
Larynx		Inflammation	Suppurative, Minimal
Lung		Hemorrhage	Moderate
	Alveolus	Inflammation	Suppurative, Mild
Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Hyperplasia	Mild
	Respirat Epith	Metaplasia	Squamous, Mild
Salivary Glands		Karyomegaly	Minimal
Spleen		Hematopoietic Cell Proliferation	Moderate
Urinary Bladder		Hemorrhage	Marked

Note: [HEMORRHAGE] TGLs = 3,4-8

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8127 TRT#: 5 SEX: Male DAY ON TEST: 593
DOSE: 10 PPM MALE DISP: Dead HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Islets, Pancreatic	Larynx
Liver	Lung	Lymph Node - Bronchial	Lymph Node - Mandibular
Mammary Gland	Pancreas	Parathyroid Gland	Preputial Gland
Prostate	Seminal Vesicle	Skin	Spleen
Stomach - Glandular	Testes	Thymus	Trachea
Urinary Bladder			

MISSING

Intestine Large - Cecum Stomach - Forestomach

AUTO PRECLUDES DIAG.

Intestine Large - Colon Intestine Large - Rectum Intestine Small - Duodenum Intestine Small - Ileum
Intestine Small - Jejunum

OBSERVATIONS

Adrenal Gland Note: [PHEOCHROM MAL] TGLs = 1-5	Medulla	Pheochromocytoma Malignant	
Heart		Cardiomyopathy	Marked
Kidney		Nephropathy	Chronic, Moderate
Nose	Olfactory Epi Respirat Epith Nasolacrim Dct	Degeneration Hyperplasia Inflammation Inflammation	Moderate Mild Suppurative, Moderate
Pituitary Gland Note: [ADENOMA] TGLs = 2-8	Olfactory Epi Respirat Epith Pars Distalis	Metaplasia Metaplasia Adenoma	Membranous, Mild Squamous, Mild Squamous, Mild
Salivary Glands		Karyomegaly	Minimal
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

Animal Note: RAT BADLY AUTOLYZED. MANY ORGANS ARE DIFFICULT

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8127

TRT#: 5

SEX: Male

DAY ON TEST: 593

DOSE: 10 PPM MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: TO INTERPRET.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8128 **TRT#:** 5 **SEX:** Male **DAY ON TEST:** 739
DOSE: 10 PPM MALE **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	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	Islets, Pancreatic	Larynx	Liver
Lung	Lymph Node - Bronchial	Mammary Gland	Pancreas
Parathyroid Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Moderate
Kidney		Nephropathy	Chronic, Marked
Lymph Node	Mandibular	Hemorrhage	Mild
Nose	Olfactory Epi Glands	Degeneration	Moderate
		Dilatation	Minimal
		Inflammation	Membranous, Mild
	Olfactory Epi	Metaplasia	Squamous, Mild
	Olfactory Epi	Metaplasia	Mild
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Moderate
Preputial Gland		Cyst	
Testes		Mineralization	Mild
Thyroid Gland	C Cell	Adenoma	
Note: [ADENOMA] TGLs = 1-2			
Trachea	Artery	Inflammation	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
 Test Type: CHRONIC
 Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Allyl glycidyl ether
 CAS Number: 106-92-3

Date Report Requested: 10/23/2014
 Time Report Requested: 11:39:25
 First Dose M/F: NA / NA
 Lab: BNW

ANIMAL ID: 8129 TRT#: 5 SEX: Male DAY ON TEST: 586
 DOSE: 10 PPM MALE DISP: Moribund HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Epididymis	Esophagus
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Mammary Gland
Pancreas	Parathyroid Gland	Preputial Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Intestine Large - Cecum

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Moderate
	Cortex	Lymphoma Malignant Undifferentiated Cell Type	
	Medulla	Lymphoma Malignant Undifferentiated Cell Type	
	Cortex	Vacuolization Cytoplasmic	Moderate
Brain		Hemorrhage	Marked
Heart		Lymphoma Malignant Undifferentiated Cell Type	
Kidney		Lymphoma Malignant Undifferentiated Cell Type	
		Nephropathy	Chronic, Moderate
Liver		Lymphoma Malignant Undifferentiated Cell Type	
Lung	Alveolus	Edema	Moderate
		Hemorrhage	Moderate
		Lymphoma Malignant Undifferentiated Cell Type	
Note: [LYMPH MAL UNDF] TGLs = 3-3			
[Lymphoma Malignant Undifferentiated Cell Type TGLS = 3-3]			
Lymph Node	Bronchial	Lymphoma Malignant Undifferentiated Cell Type	
	Mandibular	Lymphoma Malignant Undifferentiated Cell Type	
Note: [LYMPH MAL UNDF] TGLs = 2-3			
Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Squamous, Moderate
	Respirat Epith	Metaplasia	Squamous, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8129	TRT#: 5 DOSE: 10 PPM MALE	SEX: Male DISP: Moribund	DAY ON TEST: 586 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland	Pars Intermed	Hyperplasia	Moderate
Spleen		Lymphoma Malignant Undifferentiated Cell Type	
Note: [LYMPH MAL UNDF] TGLs = 1-4			
Stomach	Glandular	Hyperplasia	Moderate
	Glandular	Necrosis	Marked
Note: STOMACH LESION AT JET.			
Note: 1991 CONVERSION DISCREPANCY. ORIGINAL DIAGNOSIS SITE NOT SPECIFIED.			
Testes		Lymphoma Malignant Undifferentiated Cell Type	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8130	TRT#: 5 DOSE: 10 PPM MALE	SEX: Male DISP: Dead	DAY ON TEST: 610 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large - Rectum
Islets, Pancreatic	Liver	Lung	Lymph Node - Bronchial
Lymph Node - Mandibular	Mammary Gland	Pancreas	Parathyroid Gland
Pituitary Gland	Preputial Gland	Prostate	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Trachea	Urinary Bladder

MISSING

Intestine Large - Cecum	Intestine Small - Ileum
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AUTO PRECLUDES DIAG.

Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Jejunum
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INSUFFICIENT TISSUE

Epididymis

OBSERVATIONS

Harderian Gland		Inflammation Karyomegaly	Chronic, Moderate Marked
Note: [INFLAMMATION] TGLs = 1-11			
Kidney	Pelvis Pelvis	Hyperplasia Inflammation Nephropathy	Mild Suppurative, Moderate Chronic, Marked
Larynx	Epithelium	Hyperplasia	Mild
Nose	Olfactory Epi Glands Respirat Epith Olfactory Epi Respirat Epith	Degeneration Dilatation Hyperplasia Metaplasia Metaplasia	Moderate Minimal Moderate Squamous, Mild Squamous, Moderate
Note: LESIONS IN XS #1 AND #2.			
Salivary Glands		Inflammation	Chronic, Mild
Thyroid Gland	C Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8130

TRT#: 5

SEX: Male

DAY ON TEST: 610

DOSE: 10 PPM MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [ADENOMA] TGLs = 2-2

PRIMARY CAUSE OF DEATH

-

Animal Note: THERE IS ALOT OF AUTOLYSIS IN THE TISSUES OF

Animal Note: THIS ANIMAL.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8131

TRT#: 5

SEX: Male

DAY ON TEST: 523

DOSE: 10 PPM MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Esophagus	Heart
Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland
Preputial Gland	Salivary Glands	Skin	Testes
Thymus			

MISSING

Epididymis

AUTO PRECLUDES DIAG.

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Liver
Lung	Nose	Pancreas	Pituitary Gland
Prostate	Seminal Vesicle	Spleen	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Kidney	Nephropathy	Chronic, Marked
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PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
 Test Type: CHRONIC
 Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Allyl glycidyl ether
 CAS Number: 106-92-3

Date Report Requested: 10/23/2014
 Time Report Requested: 11:39:25
 First Dose M/F: NA / NA
 Lab: BNW

ANIMAL ID: 8132 TRT#: 5 SEX: Male DAY ON TEST: 739
 DOSE: 10 PPM MALE DISP: Terminal Sacrifice HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Larynx
Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland	Pancreas
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Moderate
Harderian Gland		Inflammation	Chronic, Moderate
		Karyomegaly	Marked
Note: [INFLAMMATION] TGLs = 3-12			
Heart	Atrium	Thrombosis	
Islets, Pancreatic		Adenoma	
Kidney	Pelvis	Inflammation	Suppurative, Moderate
	Pelvis	Mineralization	Minimal
		Nephropathy	Chronic, Marked
Note: [NEPHROPATHY] TGLs = 2-5			
Liver	Bile Duct	Hyperplasia	Mild
Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Artery	Mineralization	Moderate
Nose	Olfactory Epi	Degeneration	Moderate
	Glands	Dilatation	Mild
	Respirat Epith	Hyperplasia	Moderate
	Nasolacrim Dct	Inflammation	Suppurative, Mild
		Inflammation	Suppurative, Moderate
	Olfactory Epi	Metaplasia	Squamous, Mild
	Respirat Epith	Metaplasia	Squamous, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8132

TRT#: 5

SEX: Male

DAY ON TEST: 739

DOSE: 10 PPM MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: NOSE LESIONS ARE IN XS 1 AND 2.

Pituitary Gland

Pars Distalis

Hyperplasia

Moderate

Note: [HYPERPLASIA] TGLs = 4-8

Preputial Gland

Inflammation

Suppurative, Moderate

Prostate

Inflammation

Suppurative, Marked

Salivary Glands

Karyomegaly

Mild

Seminal Vesicle

Inflammation

Suppurative, Marked

Urinary Bladder

Hyperplasia

Moderate

Inflammation

Suppurative, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8133

TRT#: 5

SEX: Male

DAY ON TEST: 588

DOSE: 10 PPM MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Rectum	Intestine Small - Duodenum
Islets, Pancreatic	Larynx	Liver	Lung
Lymph Node - Bronchial	Lymph Node - Mandibular	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	

MISSING

Intestine Large - Cecum

AUTO PRECLUDES DIAG.

Intestine Large - Colon

Intestine Small - Ileum

Intestine Small - Jejunum

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Marked
Nose	Olfactory Epi	Degeneration	Moderate
	Olfactory Epi	Metaplasia	Squamous, Mild

Note: NOSE LESION ON XS #2.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:25
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8134

TRT#: 5
DOSE: 10 PPM MALE

SEX: Male
DISP: Moribund

DAY ON TEST: 628
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Heart	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Liver	Lymph Node - Bronchial	Lymph Node - Mandibular
Parathyroid Gland	Pituitary Gland	Preputial Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Trachea
Urinary Bladder			

MISSING

Intestine Large - Cecum Thymus

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Moderate
	Cortex	Vacuolization Cytoplasmic	Moderate
Harderian Gland		Inflammation	Chronic, Moderate
		Karyomegaly	Moderate
Note: [INFLAMMATION] TGLs = 5-12			
Kidney		Nephropathy	Chronic, Moderate
Note: [NEPHROPATHY] TGLs = 3-5			
Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Artery	Mineralization	Moderate
Note: [INFILTRAT CELL] TGLs = 4-3			
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 1-11			
Nose	Olfactory Epi	Degeneration	Moderate
	Glands	Dilatation	Minimal
	Respirat Epith	Hyperplasia	Mild
		Inflammation	Membranous, Mild
	Olfactory Epi	Metaplasia	Minimal
	Olfactory Epi	Metaplasia	Squamous, Mild
	Respirat Epith	Metaplasia	Squamous, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8134	TRT#: 5 DOSE: 10 PPM MALE	SEX: Male DISP: Moribund	DAY ON TEST: 628 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
Pancreas		Atrophy	Moderate
Thyroid Gland	C Cell	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8135 **TRT#:** 5 **SEX:** Male **DAY ON TEST:** 580
DOSE: 10 PPM MALE **DISP:** Dead **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Rectum	Intestine Small - Duodenum
Islets, Pancreatic	Larynx	Lymph Node - Mandibular	Mammary Gland
Pancreas	Preputial Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Intestine Large - Cecum	Lymph Node - Bronchial
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AUTO PRECLUDES DIAG.

Intestine Small - Ileum	Intestine Small - Jejunum
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Moderate
Heart		Inflammation	Suppurative, Moderate
Intestine Large	Colon	Parasite Metazoan	Mild
Kidney		Nephropathy	Chronic, Marked
Liver	Bile Duct	Fibrosis	Mild
		Necrosis	Marked
Lung		Hemorrhage	Mild
	Artery	Mineralization	Moderate
Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Hyperplasia	Minimal
	Olfactory Epi	Metaplasia	Squamous, Mild
	Respirat Epith	Metaplasia	Squamous, Minimal
Parathyroid Gland		Adenoma	
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 1-8			
Thymus		Lymphoma Malignant	
Note: [LYMPH MAL] TGLs = 2-11			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8135

TRT#: 5

SEX: Male

DAY ON TEST: 580

DOSE: 10 PPM MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8136 **TRT#:** 5 **SEX:** Male **DAY ON TEST:** 653
DOSE: 10 PPM MALE **DISP:** Moribund **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Intestine Large - Rectum	Islets, Pancreatic	Liver	Lung
Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder		

MISSING

Epididymis Thymus

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Thyroid Gland			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Medulla	Pheochromocytoma Benign	
Harderian Gland		Inflammation	Chronic, Moderate
		Karyomegaly	Moderate
Note: [KARYOMEGALY] TGLs = 2-12			
Heart		Cardiomyopathy	Mild
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Marked
Larynx	Artery	Inflammation	Marked
Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Suppurative, Marked
	Olfactory Epi	Metaplasia	Squamous, Mild
	Respirat Epith	Metaplasia	Squamous, Minimal
Pancreas	Acinus	Hyperplasia	Mild
	Artery	Inflammation	Marked
Preputial Gland		Inflammation	Suppurative, Marked
Note: [INFLAMMATION] TGLs = 1-7			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8136	TRT#: 5 DOSE: 10 PPM MALE	SEX: Male DISP: Moribund	DAY ON TEST: 653 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
Testes	Artery	Inflammation	Marked
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8137 **TRT#:** 5 **SEX:** Male **DAY ON TEST:** 730
DOSE: 10 PPM MALE **DISP:** Dead **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Liver	Lymph Node - Mandibular	Prostate	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Trachea	Urinary Bladder

MISSING

Mammary Gland	Parathyroid Gland
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AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Small - Ileum
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
	Cortex	Vacuolization Cytoplasmic	Minimal
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Marked
Lung	Alveolus	Infiltration Cellular	Histiocyte, Moderate
	Artery	Mineralization	Moderate
Lymph Node	Bronchial	Hemorrhage	Mild
Nose	Olfactory Epi	Degeneration	Mild
	Glands	Dilatation	Minimal
	Respirat Epith	Hyperplasia	Mild
		Inflammation	Suppurative, Mild
	Olfactory Epi	Metaplasia	Squamous, Mild
	Olfactory Epi	Metaplasia	Minimal
	Respirat Epith	Metaplasia	Squamous, Mild
Pancreas		Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: AND ADENOMA.			
Note: PITUITARY LESION IS BORDER LINE BETWEEN HYPERPLASIA			
Preputial Gland		Inflammation	Suppurative, Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8137

TRT#: 5
DOSE: 10 PPM MALE

SEX: Male
DISP: Dead

DAY ON TEST: 730
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Salivary Glands

Karyomegaly

Mild

Thyroid Gland

C Cell

Carcinoma

Note: [CARCINOMA] TGLs = 1-2

Note: TUMOR DIFFICULT. MY IMPRESSION IS C CELL CARCINOMA

Note: AUTOLYSIS MAKES THE CLASSIFICATION OF THE THYROID

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
 Test Type: CHRONIC
 Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Allyl glycidyl ether
 CAS Number: 106-92-3

Date Report Requested: 10/23/2014
 Time Report Requested: 11:39:26
 First Dose M/F: NA / NA
 Lab: BNW

ANIMAL ID: 8138 TRT#: 5 SEX: Male DAY ON TEST: 642
 DOSE: 10 PPM MALE DISP: Moribund HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Heart	Islets, Pancreatic	Larynx	Pancreas
Prostate	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Trachea	Urinary Bladder

MISSING

Mammary Gland	Parathyroid Gland	Preputial Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Lymphoma Malignant Undifferentiated Cell Type	
	Medulla	Lymphoma Malignant Undifferentiated Cell Type	
	Medulla	Pheochromocytoma Benign	
	Cortex	Vacuolization Cytoplasmic	Marked
Bone Marrow		Lymphoma Malignant Undifferentiated Cell Type	
Eye		Cataract	Mild
		Lymphoma Malignant Undifferentiated Cell Type	
Note: [CATARACT] TGLs = 1-11			
Harderian Gland		Inflammation	Chronic, Moderate
		Karyomegaly	Marked
		Lymphoma Malignant Undifferentiated Cell Type	
Note: [INFLAMMATION] TGLs = 7-12			
Intestine Large	Cecum	Lymphoma Malignant Undifferentiated Cell Type	
	Colon	Lymphoma Malignant Undifferentiated Cell Type	
	Rectum	Lymphoma Malignant Undifferentiated Cell Type	
Intestine Small	Duodenum	Lymphoma Malignant Undifferentiated Cell Type	
	Ileum	Lymphoma Malignant Undifferentiated Cell Type	
	Jejunum	Lymphoma Malignant Undifferentiated Cell Type	
Kidney		Lymphoma Malignant Undifferentiated Cell Type	
		Nephropathy	Chronic, Marked
Liver		Lymphoma Malignant Undifferentiated Cell Type	
Lung	Alveolus	Infiltration Cellular	Histiocyte, Moderate
		Lymphoma Malignant Undifferentiated Cell Type	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8138	TRT#: 5	SEX: Male	DAY ON TEST: 642
	DOSE: 10 PPM MALE	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [LYMPH MAL UNDF] TGLs = 4,5,6-3			
Lymph Node	Bronchial	Lymphoma Malignant Undifferentiated Cell Type	
	Mandibular	Lymphoma Malignant Undifferentiated Cell Type	
Nose	Olfactory Epi	Degeneration	Moderate
	Glands	Dilatation	Mild
	Respirat Epith	Hyperplasia	Mild
		Lymphoma Malignant Undifferentiated Cell Type	
	Olfactory Epi	Metaplasia	Squamous, Minimal
	Respirat Epith	Metaplasia	Squamous, Mild
Pituitary Gland		Lymphoma Malignant Undifferentiated Cell Type	
Salivary Glands		Karyomegaly	Minimal
		Lymphoma Malignant Undifferentiated Cell Type	
Spleen		Lymphoma Malignant Undifferentiated Cell Type	
Note: [LYMPH MAL UNDF] TGLs = 2-4			
Thymus		Lymphoma Malignant Undifferentiated Cell Type	
Thyroid Gland	C Cell	Adenoma	Multiple
Note: [ADENOMA] TGLs = 3-2			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
 Test Type: CHRONIC
 Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Allyl glycidyl ether
 CAS Number: 106-92-3

Date Report Requested: 10/23/2014
 Time Report Requested: 11:39:26
 First Dose M/F: NA / NA
 Lab: BNW

ANIMAL ID: 8139 TRT#: 5 SEX: Male DAY ON TEST: 434
 DOSE: 10 PPM MALE DISP: Dead HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Eye	Heart
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Liver
Lymph Node - Mandibular	Mammary Gland	Pancreas	Preputial Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Testes	Thymus
Thyroid Gland	Urinary Bladder		

MISSING

Intestine Large - Cecum	Lymph Node - Bronchial	Parathyroid Gland
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INSUFFICIENT TISSUE

Pituitary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Marked
Note: LESION IN MEDULLA IS DEBATEABLE, ITS LARGE BUT			
Note: IT DOES NOT COMPRESS.			
Kidney		Nephropathy	Chronic, Moderate
Lung		Hemorrhage	Moderate
	Alveolus	Infiltration Cellular	Histiocyte, Mild
Note: [HEMORRHAGE] TGLs = 3-11			
Nose	Olfactory Epi	Adenocarcinoma	Poorly Diffr
	Olfactory Epi	Degeneration	Moderate
	Glands	Dilatation	Minimal
	Respirat Epith	Hyperplasia	Moderate
	Nasolacrim Dct	Inflammation	Suppurative, Mild
		Inflammation	Membranous, Mild
		Inflammation	Suppurative, Moderate
	Olfactory Epi	Metaplasia	Squamous, Minimal
	Respirat Epith	Metaplasia	Squamous, Moderate
Note: [ADENOCARC] TGLs = 5-9+10+12			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8139

TRT#: 5

SEX: Male

DAY ON TEST: 434

DOSE: 10 PPM MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: THIS RAT HAS A VERY SPECTACULAR PRIMARY NASAL TUMOR
Note: THAT IS VISIBLE ON SLIDES 9,10 & 12. SOME CHANGE
Note: CAN BE SEEN IN OLFACTORY EPITHELIUM OF XS-2; WEIRD
Note: INCLUDING EARLY HYPERPLASIA.
Note: OF SAME BOOK FOR OLFACTORY EPITHELIUM CHANGES
Note: OF THESE TUMORS INDUCED BY BCME. ALSO SEE P. 55
Note: OF VOL. III OF REZNIK'S BOOK FOR DESCRIPTION OF
Note: DEGENERATION OF OLFACTORY EPITHELIUM. SEE P. 34-45
Note: METAPLASIA/HYPERPLASIA OF RESPIRATORY EPITHELIUM,
Note: NASAL CAVITY EPITHELIUM IS ALSO CHANGED - SQUAMOUS
Note: CELLS IN NEURAL LAYER BENEATH EPITHELIUM. OTHER

Stomach	Glandular	Hemorrhage	Minimal
	Glandular	Inflammation	Necrotizing, Moderate
Note: [INFLAMMATION] TGLs = 6-8			
Trachea		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
 Test Type: CHRONIC
 Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Allyl glycidyl ether
 CAS Number: 106-92-3

Date Report Requested: 10/23/2014
 Time Report Requested: 11:39:26
 First Dose M/F: NA / NA
 Lab: BNW

ANIMAL ID: 8140

TRT#: 5

SEX: Male

DAY ON TEST: 739

DOSE: 10 PPM MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	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	Islets, Pancreatic	Lymph Node - Bronchial	Lymph Node - Mandibular
Parathyroid Gland	Prostate	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Marked
	Cortex	Vacuolization Cytoplasmic	Moderate
Kidney		Nephropathy	Chronic, Marked
Larynx	Epithelium	Hyperplasia	Mild
Liver		Angiectasis	Mild
		Clear Cell Focus	Mild
Lung	Artery	Mineralization	Moderate
Nose	Olfactory Epi	Degeneration	Moderate
	Glands	Dilatation	Mild
		Inflammation	Membranous, Mild
		Inflammation	Suppurative, Mild
	Olfactory Epi	Metaplasia	Mild
	Olfactory Epi	Metaplasia	Squamous, Mild

Note: WITH RAT #250.

Note: COMPARE EOSINOPHILIC MATERIAL IN LUMEN OF XS #2

Pancreas		Hemorrhage	Moderate
	Acinus	Hyperplasia	Mild

Note: [HEMORRHAGE] TGLs = 2-11

Note: THE HYPERPLASTIC LESION HAS NOTHING TO DO WITH THE

Note: GROSS LESION WHICH IS PROBABLY RELATED TO

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8140	TRT#: 5 DOSE: 10 PPM MALE	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 739 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Note: INJECTION OF ANESTHETIC			
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Suppurative, Marked
Note: [INFLAMMATION] TGLs = 1-7			
Salivary Glands		Karyomegaly	Mild
Testes	Seminif Tub	Atrophy	Marked
		Mineralization	Moderate
Trachea		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8141 TRT#: 5 SEX: Male DAY ON TEST: 605
DOSE: 10 PPM MALE DISP: Dead HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Heart	Islets, Pancreatic
Larynx	Liver	Lymph Node - Mandibular	Mammary Gland
Pancreas	Parathyroid Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Testes
Thymus	Trachea	Urinary Bladder	

MISSING

Intestine Large - Cecum	Intestine Large - Rectum	Lymph Node - Bronchial
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AUTO PRECLUDES DIAG.

Bone Marrow	Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Nose	Stomach - Glandular	

OBSERVATIONS

Kidney		Nephropathy	Chronic, Marked
Lung	Artery	Mineralization	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Suppurative, Marked
Stomach	Glandular	Cyst	
	Forestomach	Hyperkeratosis	Marked

Note: 1991 CONVERSION DISCREPANCY. ORIGINAL DIAGNOSIS SITE NOT SOECIFIED.

Thyroid Gland	C Cell	Adenoma
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Note: LESION DIFFICULT.

Note: AUTOLYSIS MAKES CLASSIFICATION OF THE THYROID

PRIMARY CAUSE OF DEATH

-

Animal Note: AUTOLYSIS OF THIS ANIMAL MAKES RECOGNITION OF

Animal Note: SUBTLE LESIONS VERY DIFFICULT.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8142	TRT#: 5 DOSE: 10 PPM MALE	SEX: Male DISP: Dead	DAY ON TEST: 585 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Esophagus
Liver	Lymph Node - Mandibular	Pituitary Gland	Preputial Gland
Salivary Glands	Skin		

MISSING

Intestine Large - Cecum	Mammary Gland	Parathyroid Gland	
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AUTO PRECLUDES DIAG.

Bone Marrow	Epididymis	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Lung	Nose
Pancreas	Prostate	Seminal Vesicle	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart		Cardiomyopathy	Moderate
	Artery	Inflammation	Marked
Lymph Node	Bronchial	Hemorrhage	Marked
Thyroid Gland		Ultimobranchial Cyst	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8143

TRT#: 5
DOSE: 10 PPM MALE

SEX: Male
DISP: Moribund

DAY ON TEST: 662
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Larynx	Liver
Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Trachea	Urinary Bladder

MISSING

Preputial Gland

AUTO PRECLUDES DIAG.

Intestine Small - Jejunum

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Moderate
	Medulla	Pheochromocytoma Malignant	
	Cortex	Vacuolization Cytoplasmic	Moderate
Note: [PHEOCHROM MAL] TGLs = 2-5			
Heart		Inflammation	Suppurative, Marked
	Atrium	Thrombosis	
Note: [INFLAMMATION] TGLs = 4-11			
Note: [THROMBUS] TGLs = 4-11			
Islets, Pancreatic		Hyperplasia	Moderate
Kidney		Nephropathy	Chronic, Marked
Lacrimal Gland		Inflammation	Chronic, Marked
		Karyomegaly	Moderate
Note: [INFLAMMATION] TGLs = 3-12			
Lung		Hemorrhage	Moderate
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Hyperplasia	Moderate
	Nasolacrim Dct	Inflammation	Suppurative, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8143

TRT#: 5
DOSE: 10 PPM MALE

SEX: Male
DISP: Moribund

DAY ON TEST: 662
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Skin	Olfactory Epi	Inflammation	Suppurative, Mild
	Respirat Epith	Metaplasia	Squamous, Mild
	Lip	Metaplasia	Squamous, Moderate
Note: [SQUAM CEL CARC] TGLs = 1-13		Squamous Cell Carcinoma	
Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
 Test Type: CHRONIC
 Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Allyl glycidyl ether
 CAS Number: 106-92-3

Date Report Requested: 10/23/2014
 Time Report Requested: 11:39:26
 First Dose M/F: NA / NA
 Lab: BNW

ANIMAL ID: 8144 TRT#: 5 SEX: Male DAY ON TEST: 642
 DOSE: 10 PPM MALE DISP: Moribund HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Prostate	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Trachea
Urinary Bladder			

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Moderate
	Cortex	Vacuolization Cytoplasmic	Moderate
Heart		Cardiomyopathy	Mild
	Atrium	Thrombosis	
Kidney		Nephropathy	Chronic, Marked
Note: [NEPHROPATHY] TGLs = 3-5			
Liver	Bile Duct	Fibrosis	Mild
		Hematopoietic Cell Proliferation	Mild
Note: HEMA CELL PROL IS REALLY EMH			
Lung	Alveolus	Fibrosis	Mild
	Alveolar Epith	Hyperplasia	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Marked
	Alveolus	Inflammation	Suppurative, Moderate
	Artery	Inflammation	Marked
Note: [INFILTRAT CELL] TGLs = 2-3			
Lymph Node	Bronchial	Hemorrhage	Moderate
	Mandibular	Hemorrhage	Marked
Note: [HEMORRHAGE] TGLs = 1-7			
Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Hyperplasia	Marked
	Nasolacrim Dct	Inflammation	Suppurative, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8144

TRT#: 5
DOSE: 10 PPM MALE

SEX: Male
DISP: Moribund

DAY ON TEST: 642
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Suppurative, Mild
	Olfactory Epi	Metaplasia	Squamous, Mild
	Respirat Epith	Metaplasia	Squamous, Moderate
Note: NOSE LESIONS IN XS 1 AND 2.			
Pancreas	Artery	Inflammation	Marked
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Suppurative, Moderate
Salivary Glands		Karyomegaly	Mild
Testes	Artery	Inflammation	Marked
Thymus		Hemorrhage	Moderate
Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8145 TRT#: 5 SEX: Male DAY ON TEST: 303
DOSE: 10 PPM MALE DISP: Dead HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain	Epididymis	Esophagus	Islets, Pancreatic
Liver	Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Thymus	Thyroid Gland
Urinary Bladder			

MISSING

Intestine Large - Cecum

AUTO PRECLUDES DIAG.

Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Larynx	Lung	Nose
Pancreas	Pituitary Gland	Trachea	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Medulla	Pheochromocytoma Benign	
Bone		Osteoporosis	Moderate
Bone Marrow		Fibrosis	Moderate
Heart		Cardiomyopathy	Moderate
Kidney		Nephropathy	Chronic, Marked
Note: [NEPHROPATHY] TGLs = 1-5			
Parathyroid Gland		Adenoma	
Preputial Gland		Inflammation	Suppurative, Moderate
Stomach	Glandular	Mineralization	Marked
Testes		Mineralization	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8146

TRT#: 5

SEX: Male

DAY ON TEST: 739

DOSE: 10 PPM MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland	Pancreas
Parathyroid Gland	Preputial Gland	Prostate	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Pituitary Gland

OBSERVATIONS

Adrenal Gland	Medulla Cortex	Pheochromocytoma Malignant Vacuolization Cytoplasmic	Multiple Moderate
Note: [PHEOCHROM MAL] TGLs = 2-5			
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Marked
Larynx		Inflammation	Chronic, Mild
Liver		Clear Cell Focus	Moderate
Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Artery	Inflammation	Granulomatous, Moderate
		Mineralization	Moderate
Note: CLEFTS IN IT.			
Note: LUNG LESION IS A DISCRETE GRANULOMA WITH CHOLESTEROL			
Nose	Olfactory Epi Glands Nasolacrim Dct Olfactory Epi Respirat Epith	Degeneration Dilatation Inflammation Metaplasia Metaplasia Karyomegaly	Mild Minimal Suppurative, Moderate Squamous, Minimal Squamous, Minimal Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8146

TRT#: 5
DOSE: 10 PPM MALE

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 739
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8147 TRT#: 5 SEX: Male DAY ON TEST: 701
DOSE: 10 PPM MALE DISP: Dead HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Lymph Node - Bronchial	Lymph Node - Mandibular	Parathyroid Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	

MISSING

Intestine Large - Cecum	Mammary Gland
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AUTO PRECLUDES DIAG.

Bone Marrow	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Liver	Nose	Pancreas	Pituitary Gland
Spleen	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Moderate
	Medulla	Hyperplasia	Mild
Note: LESIONS DIFFICULT TO DISCERN DUE TO AUTOLYSIS.			
Heart		Cardiomyopathy	Moderate
Kidney		Nephropathy	Chronic, Marked
Lacrimal Gland		Inflammation	Chronic, Marked
		Karyomegaly	Moderate
Note: [INFLAMMATION] TGLs = 3-11			
Lung	Alveolus	Infiltration Cellular	Histiocyte, Moderate
	Artery	Mineralization	Marked
[Mineralization TGLS = 2-3]			
Preputial Gland		Inflammation	Suppurative, Moderate
Thyroid Gland	C Cell	Adenoma	
Note: VERY DIFFICULT.			
Note: AUTOLYSIS MAKES CLASSIFICATION OF THYROID LESION			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8148 TRT#: 5 SEX: Male DAY ON TEST: 559
DOSE: 10 PPM MALE DISP: Dead HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Islets, Pancreatic	Larynx	Liver
Lung	Lymph Node - Mandibular	Pancreas	Parathyroid Gland
Pituitary Gland	Preputial Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Esophagus	Lymph Node - Bronchial	Mammary Gland	Thymus
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AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Moderate
Heart		Cardiomyopathy	Moderate
Kidney		Nephropathy	Chronic, Marked
Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Hyperplasia	Mild
	Olfactory Epi	Metaplasia	Squamous, Minimal
	Respirat Epith	Metaplasia	Squamous, Mild
Testes		Mineralization	Marked

PRIMARY CAUSE OF DEATH

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Animal Note: THERE IS ALOT OF AUTOLYSIS IN THE TISSUES OF
Animal Note: THIS ANIMAL.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
 Test Type: CHRONIC
 Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Allyl glycidyl ether
 CAS Number: 106-92-3

Date Report Requested: 10/23/2014
 Time Report Requested: 11:39:26
 First Dose M/F: NA / NA
 Lab: BNW

ANIMAL ID: 8149 TRT#: 5 SEX: Male DAY ON TEST: 579
 DOSE: 10 PPM MALE DISP: Moribund HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Heart	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Lymph Node - Mandibular	Parathyroid Gland	Preputial Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

MISSING

Intestine Large - Cecum	Lymph Node - Bronchial	Mammary Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Infarct	Marked
	Medulla	Pheochromocytoma Benign	
Kidney		Nephropathy	Chronic, Marked
Note: [NEPHROPATHY] TGLs = 2-5			
Liver		Clear Cell Focus	Minimal
Lung	Alveolus	Fibrosis	Mild
		Hemorrhage	Marked
	Alveolar Epith	Hyperplasia	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Marked
	Alveolus	Inflammation	Suppurative, Moderate
	Bronchiole	Inflammation	Suppurative, Marked
Note: [INFLAMMATION] TGLs = 1-11			
Note: [INFILTRAT CELL] TGLs = 1-3			
Nose	Olfactory Epi	Degeneration	Moderate
	Glands	Dilatation	Minimal
	Respirat Epith	Hyperplasia	Moderate
		Inflammation	Suppurative, Moderate
	Olfactory Epi	Metaplasia	Squamous, Mild
	Olfactory Epi	Metaplasia	Minimal
	Respirat Epith	Metaplasia	Squamous, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8149

TRT#: 5
DOSE: 10 PPM MALE

SEX: Male
DISP: Moribund

DAY ON TEST: 579
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: NOSE LESIONS ON XS 1 AND 2, BUT THERE IS POSSIBLE
Note: LESIONS IN SECTION 3 THAT SHOULD BE RE-EXAMINED.

Pancreas	Artery	Inflammation	Marked
Pituitary Gland	Pars Distalis	Adenoma	
Testes	Artery	Inflammation	Marked
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8150

TRT#: 5

SEX: Male

DAY ON TEST: 520

DOSE: 10 PPM MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Liver	Lung
Lymph Node - Bronchial	Pancreas	Parathyroid Gland	Prostate
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Trachea
Urinary Bladder			

MISSING

Intestine Large - Cecum	Lymph Node - Mandibular
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OBSERVATIONS

Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Moderate
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 1,2-11			
Nose	Olfactory Epi Glands	Degeneration	Moderate
	Respirat Epith	Dilatation	Mild
	Nasolacrim Dct	Hyperplasia	Moderate
	Olfactory Epi	Inflammation	Suppurative, Minimal
	Olfactory Epi	Metaplasia	Squamous, Moderate
	Respirat Epith	Metaplasia	Moderate
		Metaplasia	Squamous, Moderate
Note: LESIONS IN XS #2 OF OLFACTORY EPI SHOULD BE RE-EXAMINED			
Note: THERE ARE LESIONS IN ALL THREE SECTIONS OF NOSE.			
Pituitary Gland	Pars Intermed	Adenoma	
Preputial Gland		Hyperplasia	Moderate
Salivary Glands		Karyomegaly	Minimal
Thyroid Gland		Ultimobranchial Cyst	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9401	TRT#: 1	SEX: Male	DAY ON TEST: 372
	DOSE: CONTROL MALE	DISP: Dead	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large - Colon
Intestine Small - Duodenum	Islets, Pancreatic	Liver	Lung
Pancreas	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Urinary Bladder			

MISSING

Epididymis	Intestine Large - Cecum	Lymph Node - Bronchial	Lymph Node - Mandibular
Mammary Gland	Parathyroid Gland		

AUTO PRECLUDES DIAG.

Intestine Small - Ileum	Intestine Small - Jejunum	Larynx	Trachea
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OBSERVATIONS

Intestine Large	Rectum	Parasite Metazoan	Mild
Kidney		Nephropathy	Chronic, Mild
Nose	Glands	Dilatation	Moderate
	Nasolacrim Dct	Inflammation	Suppurative, Marked
Preputial Gland		Inflammation	Suppurative, Marked

Note: [INFLAMMATION] TGLs = 1-11

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9402

TRT#: 1

SEX: Male

DAY ON TEST: 731

DOSE: CONTROL MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Islets, Pancreatic	Liver	Lymph Node - Bronchial
Lymph Node - Mandibular	Mammary Gland	Nose	Pancreas
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland			

MISSING

Parathyroid Gland

AUTO PRECLUDES DIAG.

Intestine Small - Ileum	Intestine Small - Jejunum	Larynx	Lung
Trachea			

OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
	Medulla	Hyperplasia	Mild
	Medulla	Pheochromocytoma Benign	
Note: [ADENOMA] TGLs = 4-11			
Heart		Cardiomyopathy	Minimal
Kidney	Pelvis	Hyperplasia	Moderate
		Inflammation	Suppurative, Moderate
	Pelvis	Mineralization	Minimal
		Nephropathy	Chronic, Marked
Note: [NEPHROPATHY] TGLs = 3-5+11			
Lacrimal Gland		Inflammation	Chronic, Minimal
		Karyomegaly	Minimal
Note: [INFLAMMATION] TGLs = 5-13			
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 6-8			
Preputial Gland		Inflammation	Suppurative, Marked
Note: [INFLAMMATION] TGLs = 1-12			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9402	TRT#: 1 DOSE: CONTROL MALE	SEX: Male DISP: Dead	DAY ON TEST: 731 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS			
Prostate		Inflammation	Suppurative, Marked
Urinary Bladder		Calculus Gross Observation	
		Hyperplasia	Marked
		Inflammation	Suppurative, Marked

Note: [INFLAMMATION] TGLs = 2-8

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9403 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 698
DOSE: CONTROL MALE **DISP:** Moribund **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Liver	Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland
Pituitary Gland	Prostate	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Trachea
Urinary Bladder			

MISSING

Epididymis Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Carcinoma	
	Medulla	Pheochromocytoma Malignant	
Note: [PHEOCHROM MAL] TGLs = 3-12			
Note: [CARCINOMA] TGLs = 3-12			
Heart	Atrium	Thrombosis	
Kidney		Nephropathy	Chronic, Marked
Note: [NEPHROPATHY] TGLs = 2-5			
Lacrimal Gland		Inflammation	Chronic, Minimal
		Karyomegaly	Moderate
Note: [INFLAMMATION] TGLs = 5-14			
Lung	Alveolus	Fibrosis	Mild
		Hemorrhage	Mild
	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
	Alveolus	Inflammation	Suppurative, Moderate
Note: [INFLAMMATION] TGLs = 4-3			
Note: [HEMORRHAGE] TGLs = 4-3			
Lymph Node	Bronchial	Hemorrhage	Moderate
Nose	Glands	Dilatation	Marked
		Inflammation	Suppurative, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9403	TRT#: 1 DOSE: CONTROL MALE	SEX: Male DISP: Moribund	DAY ON TEST: 698 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas	Artery	Inflammation	Marked
Preputial Gland		Inflammation	Suppurative, Marked
Note: [INFLAMMATION] TGLs = 1-13			
Salivary Glands		Karyomegaly	Mild
Skeletal Muscle	Laryngeal	Degeneration	Mild
Testes	Artery	Inflammation	Marked
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9404

TRT#: 1

SEX: Male

DAY ON TEST: 737

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Liver	Lung	Lymph Node - Bronchial
Lymph Node - Mandibular	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Tissue NOS	Trachea	Urinary Bladder

MISSING

Epididymis	Mammary Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
Note: AC HYPERPL.=FOCUS OF SMALL,BASOPHILIC CELLS.			
Kidney		Nephropathy	Chronic, Moderate
Lacrimal Gland		Inflammation	Chronic, Mild
		Karyomegaly	Moderate
Note: [INFLAMMATION] TGLs = 1-11			
Larynx		Inflammation	Chronic, Mild
Nose	Glands	Dilatation	Mild
		Foreign Body	Mild
		Inflammation	Membranous, Mild
		Inflammation	Suppurative, Mild
Preputial Gland		Inflammation	Suppurative, Minimal
Salivary Glands		Karyomegaly	Mild
Stomach			
Note: MUCOSA THICK AT JCT BUT WNL. NCL.			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9405 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 737
DOSE: CONTROL MALE **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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	Islets, Pancreatic	Larynx	Nose
Pancreas	Parathyroid Gland	Preputial Gland	Prostate
Seminal Vesicle	Skin	Spleen	Stomach - Glandular
Testes	Thymus	Trachea	Urinary Bladder

MISSING

Lymph Node - Bronchial	Mammary Gland
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INSUFFICIENT TISSUE

Pituitary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Kidney		Nephropathy	Chronic, Moderate
Lacrimal Gland		Inflammation	Chronic, Moderate
		Karyomegaly	Moderate
Note: +SDA TITER IN AGE RATS 6/83;PRESUME LESIONS ARE SEQUELAE.			
Note: [INFLAMMATION] TGLs = 1-11			
Liver		Angiectasis	Minimal
		Basophilic Focus	Minimal
Lung		Foreign Body	Moderate
	Bronchiole	Inflammation	Suppurative, Mild
		Inflammation	Granulomatous, Moderate
Note: [FOREIGN BODY] TGLs = 3-3			
Note: MGC IN ALVEOLI.POLARIZE FAINTLY.PROBLY VEGETABLE FB.			
Lymph Node	Mandibular	Infiltration Cellular	Histiocyte, Mild
Salivary Glands		Inflammation	Chronic, Minimal
		Karyomegaly	Mild
Stomach	Forestomach	Squamous Cell Carcinoma	
Note: [SQUAM CEL CARC] TGLs = 2-12			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9405	TRT#: 1	SEX: Male	DAY ON TEST: 737
	DOSE: CONTROL MALE	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	C Cell	Adenoma
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PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
 Test Type: CHRONIC
 Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Allyl glycidyl ether
 CAS Number: 106-92-3

Date Report Requested: 10/23/2014
 Time Report Requested: 11:39:26
 First Dose M/F: NA / NA
 Lab: BNW

ANIMAL ID: 9406 TRT#: 1 SEX: Male DAY ON TEST: 737
 DOSE: CONTROL MALE DISP: Terminal Sacrifice HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Mammary Gland	Nose
Parathyroid Gland	Pituitary Gland	Preputial Gland	Prostate
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	Multiple
Heart		Cardiomyopathy	Marked
	Atrium	Thrombosis	
Note: [THROMBUS] TGLs = 10-4			
Kidney		Cyst	
		Nephropathy	Chronic, Marked
Note: [CYST] TGLs = 2-5			
Note: [NEPHROPATHY] TGLs = 3-5+14			
Note: NO CYST OBS ON KIDNEY ON SLIDE 14.			
Lacrimal Gland		Inflammation	Chronic, Moderate
		Karyomegaly	Moderate
Note: [INFLAMMATION] TGLs = 1-11			
Liver	Bile Duct	Fibrosis	Mild
Lung	Alveolus	Fibrosis	Mild
	Alveolar Epith	Hyperplasia	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
	Alveolus	Inflammation	Suppurative, Mild
	Artery	Inflammation	Moderate
Note: [INFILTRAT CELL] TGLs = 8,9-3+12+13			
Lymph Node	Bronchial	Hemorrhage	Mild
	Mandibular	Hyperplasia	Lymphoid, Mild
Note: [HEMORRHAGE] TGLs = 7-3			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9406	TRT#: 1 DOSE: CONTROL MALE	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas	Artery	Inflammation	Marked
Salivary Glands		Inflammation	Chronic, Mild
		Karyomegaly	Mild
Testes	Seminif Tub	Atrophy	Marked
	Artery	Inflammation	Marked
Note: [ATROPHY] TGLs = 4-7			
Note: [INFLAMMATION] TGLs = 4-7			
Thyroid Gland	C Cell	Adenoma	
	C Cell	Carcinoma	
Note: [ADENOMA] TGLs = 5-2			
Note: [CARCINOMA] TGLs = 6-2			

PRIMARY CAUSE OF DEATH

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Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9407	TRT#: 1 DOSE: CONTROL MALE	SEX: Male DISP: Dead	DAY ON TEST: 477 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large - Rectum	Intestine Small - Duodenum	Islets, Pancreatic	Kidney
Larynx	Liver	Lymph Node - Bronchial	Mammary Gland
Nose	Pancreas	Parathyroid Gland	Preputial Gland
Prostate	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea		

MISSING

Intestine Large - Cecum	Lymph Node - Mandibular
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AUTO PRECLUDES DIAG.

Intestine Small - Ileum	Intestine Small - Jejunum
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OBSERVATIONS

Intestine Large	Colon	Parasite Metazoan	
Lung	Alveolus	Inflammation	Suppurative, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Salivary Glands		Inflammation	Chronic, Mild
		Karyomegaly	Moderate
Urinary Bladder		Calculus Micro Observation Only	

Note: SEMINAL PLUG IN BLADDER.DX AS CALCULUS.

Note: CELLULAR MASS FREE IN LUMEN;4 STEP SX -; DX FLOATER.

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9408	TRT#: 1	SEX: Male	DAY ON TEST: 607
	DOSE: CONTROL MALE	DISP: Dead	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Heart	Islets, Pancreatic	Liver
Lymph Node - Bronchial	Mammary Gland	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Urinary Bladder	

MISSING

Epididymis	Intestine Large - Cecum
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AUTO PRECLUDES DIAG.

Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Larynx	Trachea	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
Intest Large			
Note: INTESTINES AUTOLYSED-NOT INTERPRETABLE.			
Kidney		Nephropathy	Chronic, Marked
Lung	Artery	Inflammation	Mild
Lymph Node	Mandibular	Hemorrhage	Mild
Nose		Inflammation	Membranous, Mild
Preputial Gland		Inflammation	Suppurative, Moderate
Salivary Glands		Inflammation	Chronic, Mild
		Karyomegaly	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
 Test Type: CHRONIC
 Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Allyl glycidyl ether
 CAS Number: 106-92-3

Date Report Requested: 10/23/2014
 Time Report Requested: 11:39:26
 First Dose M/F: NA / NA
 Lab: BNW

ANIMAL ID: 9409 TRT#: 1 SEX: Male DAY ON TEST: 445
 DOSE: CONTROL MALE DISP: Dead HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large - Colon	Intestine Small - Duodenum	Islets, Pancreatic	Larynx
Liver	Lymph Node - Mandibular	Mammary Gland	Pancreas
Pituitary Gland	Prostate	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Intestine Large - Cecum	Lymph Node - Bronchial	Parathyroid Gland
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AUTO PRECLUDES DIAG.

Intestine Small - Ileum	Intestine Small - Jejunum
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OBSERVATIONS

Harderian Gland		Hyperplasia Inflammation	Moderate Chronic, Mild
Note: [HYPERPLASIA] TGLs = 4-11			
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Moderate
Lung	Alveolus	Edema	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Inflammation	Granulomatous, Mild
Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
Preputial Gland		Inflammation	Suppurative, Moderate
Salivary Glands		Inflammation	Chronic, Mild
		Karyomegaly	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9410 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 642
DOSE: CONTROL MALE **DISP:** Moribund **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Liver	Lymph Node - Mandibular
Parathyroid Gland	Pituitary Gland	Prostate	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Thymus
Trachea	Urinary Bladder		

MISSING

Adrenal Gland - Medulla	Lymph Node - Bronchial	Mammary Gland
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OBSERVATIONS

Heart		Cardiomyopathy	Moderate
	Artery	Mineralization	Marked
Kidney	Renal Tubule	Mineralization	Moderate
		Nephropathy	Chronic, Marked
Note: [NEPHROPATHY] TGLs = 2-5+11			
Lung	Alveolar	Inflammation	Suppurative, Minimal
	Artery	Mineralization	Moderate
Nose	Respirat Epith	Metaplasia	Squamous, Minimal
Pancreas	Artery	Inflammation	Marked
Preputial Gland		Cyst	
		Inflammation	Suppurative, Marked
Note: [CYST] TGLs = 1-7			
Salivary Glands		Inflammation	Chronic, Moderate
		Karyomegaly	Moderate
Note: LESIONS CLASSIC FOR +30 DAYS SDA,BUT + TITER 6/83?			
Stomach	Glandular	Mineralization	Marked
Testes	Artery	Inflammation	Marked
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9411 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 737
DOSE: CONTROL MALE **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic	Larynx
Liver	Lymph Node - Bronchial	Mammary Gland	Nose
Parathyroid Gland	Pituitary Gland	Prostate	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Tongue	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Multiple, Mild
Heart	Artery	Mineralization	Moderate
Intestine Large	Cecum	Parasite Metazoan	
Intestine Small	Jejunum	Adenocarcinoma	Mucinous
Note: ADENOCA MAY HAVE ARISEN FROM DIVERTICULUM			
Note: [ADENOCARC] TGLs = 2-14+15+16			
Kidney		Nephropathy	Chronic, Moderate
Note: [NEPHROPATHY] TGLs = 4-5+11			
Lacrimal Gland		Inflammation	Chronic, Mild
		Karyomegaly	Moderate
Note: [INFLAMMATION] TGLs = 1-13			
Lung	Artery	Inflammation	Moderate
Lymph Node		Hyperplasia	Lymphoid, Marked
	Mandibular	Inflammation	Chronic, Mild
Note: [HYPERPLASIA] TGLs = 3-12			
Pancreas	Acinus	Hyperplasia	Mild
Preputial Gland		Inflammation	Suppurative, Marked
Salivary Glands		Inflammation	Chronic, Moderate
		Karyomegaly	Mild
Note: [INFLAMMATION] TGLs = 3-12			
Note: "MASS ON SLIDE 12 IS SAL GLAND AND LYMPH NODE.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9411

TRT#: 1

SEX: Male

DAY ON TEST: 737

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland

C Cell

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9412	TRT#: 1	SEX: Male	DAY ON TEST: 590
	DOSE: CONTROL MALE	DISP: Dead	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large - Colon	Intestine Large - Rectum	Islets, Pancreatic	Liver
Lung	Lymph Node - Bronchial	Mammary Gland	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Tissue NOS	Urinary Bladder		

MISSING

Intestine Large - Cecum	Lymph Node - Mandibular
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AUTO PRECLUDES DIAG.

Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Larynx
Trachea			

OBSERVATIONS

Kidney		Nephropathy	Chronic, Moderate
Nose	Respirat Epith	Hyperplasia	Minimal
	Respirat Epith	Metaplasia	Squamous, Mild
Note: LESION ON MAX TURB AND ADJ LAT WALL			
Preputial Gland		Inflammation	Suppurative, Moderate
Note: [INFLAMMATION] TGLs = 1-7			
Tissue NOS			
Note: TISSUE NOS IS NORMAL LN			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
 Test Type: CHRONIC
 Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Allyl glycidyl ether
 CAS Number: 106-92-3

Date Report Requested: 10/23/2014
 Time Report Requested: 11:39:26
 First Dose M/F: NA / NA
 Lab: BNW

ANIMAL ID: 9413 TRT#: 1 SEX: Male DAY ON TEST: 586
 DOSE: CONTROL MALE DISP: Moribund HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Epididymis	Esophagus
Heart	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Mammary Gland	Nose	Pancreas	Pituitary Gland
Preputial Gland	Prostate	Seminal Vesicle	Skin
Stomach - Forestomach	Stomach - Glandular	Testes	Trachea
Urinary Bladder			

MISSING

Intestine Large - Cecum Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
	Cortex	Lymphoma Malignant Undifferentiated Cell Type	
	Medulla	Lymphoma Malignant Undifferentiated Cell Type	
	Medulla	Pheochromocytoma Benign	
Brain		Hemorrhage	Moderate
Kidney		Lymphoma Malignant Undifferentiated Cell Type	
		Nephropathy	Chronic, Moderate
Note: [NEPHROPATHY] TGLs = 6-5			
Liver		Lymphoma Malignant Undifferentiated Cell Type	
Lung		Lymphoma Malignant Undifferentiated Cell Type	
Lymph Node	Bronchial	Lymphoma Malignant Undifferentiated Cell Type	
	Mandibular	Lymphoma Malignant Undifferentiated Cell Type	
	Mesenteric	Lymphoma Malignant Undifferentiated Cell Type	
Note: [LYMPH MAL UNDF] TGLs = 1,4-3+11			
Salivary Glands		Inflammation	Chronic, Mild
		Karyomegaly	Mild
Spleen		Lymphoma Malignant Undifferentiated Cell Type	
Note: [LYMPH MAL UNDF] TGLs = 2-4+13			
Thymus		Lymphoma Malignant Undifferentiated Cell Type	
Thyroid Gland	C Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9413

TRT#: 1
DOSE: CONTROL MALE

SEX: Male
DISP: Moribund

DAY ON TEST: 586
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9414

TRT#: 1

SEX: Male

DAY ON TEST: 733

DOSE: CONTROL MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Liver
Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland	Pancreas
Parathyroid Gland	Preputial Gland	Prostate	Seminal Vesicle
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Heart		Cardiomyopathy	Moderate
Kidney		Nephropathy	Chronic, Moderate
Lacrimal Gland		Inflammation	Chronic, Moderate
		Karyomegaly	Moderate
Note: [INFLAMMATION] TGLs = 3-11			
Lung	Alveolus	Inflammation	Suppurative, Minimal
	Artery	Mineralization	Mild
Nose	Glands	Dilatation	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Salivary Glands		Inflammation	Chronic, Moderate
		Karyomegaly	Mild
Skin		Fibroma	
Note: [FIBROMA] TGLs = 1-12			
Thyroid Gland	C Cell	Carcinoma	
Note: [CARCINOMA] TGLs = 2-2			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9415 TRT#: 1 SEX: Male DAY ON TEST: 658
DOSE: CONTROL MALE DISP: Dead HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Epididymis
Esophagus	Islets, Pancreatic	Liver	Lymph Node - Bronchial
Lymph Node - Mandibular	Pancreas	Parathyroid Gland	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Thyroid Gland			

AUTO PRECLUDES DIAG.

Bone Marrow	Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Larynx	Lung
Mammary Gland	Nose	Pituitary Gland	Skin
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Heart		Cardiomyopathy	Mild
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Marked
Lacrimal Gland		Inflammation	Chronic, Mild
		Karyomegaly	Moderate
Note: [INFLAMMATION] TGLs = 2-11			
Preputial Gland		Inflammation	Suppurative, Marked
Note: [INFLAMMATION] TGLs = 1-7			
Prostate		Inflammation	Suppurative, Marked
Salivary Glands		Karyomegaly	Mild
Seminal Vesicle		Inflammation	Suppurative, Marked

PRIMARY CAUSE OF DEATH

-

Animal Note: OLFACTORY EPITHELIUM OF NOSE IS NOT INTERPRETABLE
Animal Note: WITHIN NORMAL LIMITS.
Animal Note: DUE TO AUTOLYSIS. RESPIRATORY EPITHELIUM IS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9416	TRT#: 1 DOSE: CONTROL MALE	SEX: Male DISP: Dead	DAY ON TEST: 564 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Esophagus	Heart
Islets, Pancreatic	Liver	Lymph Node - Mandibular	Mammary Gland
Nose	Pancreas	Pituitary Gland	Prostate
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Urinary Bladder	

MISSING

Epididymis	Intestine Large - Cecum	Lymph Node - Bronchial	Parathyroid Gland
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AUTO PRECLUDES DIAG.

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Larynx	Lung	Thyroid Gland	Trachea

OBSERVATIONS

Kidney	Nephropathy	Chronic, Marked
Preputial Gland	Cyst	
Salivary Glands	Karyomegaly	Mild
Seminal Vesicle	Inflammation	Suppurative, Mild
Tongue	Hyperplasia	Squamous, Minimal

Note: [HYPERPLASIA] TGLs = 1-11

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9417	TRT#: 1	SEX: Male	DAY ON TEST: 579
	DOSE: CONTROL MALE	DISP: Dead	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Epididymis
Esophagus	Heart	Liver	Lymph Node - Mandibular
Nose	Parathyroid Gland	Pituitary Gland	Preputial Gland
Prostate	Seminal Vesicle	Skin	Spleen
Testes	Thymus		

MISSING

Intestine Large - Cecum	Lymph Node - Bronchial	Mammary Gland	
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AUTO PRECLUDES DIAG.

Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lung
Pancreas	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Brain		Demyelination	Minimal
Kidney		Nephropathy	Chronic, Moderate
Salivary Glands		Karyomegaly	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9418

TRT#: 1

SEX: Male

DAY ON TEST: 599

DOSE: CONTROL MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Colon	Islets, Pancreatic
Larynx	Liver	Lymph Node - Bronchial	Lymph Node - Mandibular
Nose	Parathyroid Gland	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea			

MISSING

Intestine Large - Cecum	Mammary Gland
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AUTO PRECLUDES DIAG.

Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
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INSUFFICIENT TISSUE

Intestine Large - Rectum

OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Moderate
Heart		Cardiomyopathy	Minimal
Kidney		Nephropathy	Chronic, Moderate
Note: [NEPHROPATHY] TGLs = 2-5+11			
Lacrimal Gland		Inflammation	Chronic, Moderate
		Karyomegaly	Moderate
Note: [INFLAMMATION] TGLs = 1-12			
Lung	Artery	Mineralization	Moderate
Pancreas		Atrophy	Mild
Testes	Seminif Tub	Atrophy	Marked
Thyroid Gland	C Cell	Hyperplasia	Minimal
Trachea			
Note: SOME AUTOLYSIS MAKES DX DIFFICULT.			
Urinary Bladder		Calculus Gross Observation	
		Calculus Micro Observation Only	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9418	TRT#: 1	SEX: Male	DAY ON TEST: 599
	DOSE: CONTROL MALE	DISP: Dead	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: "CALCULUS" IS SEMINAL PLUG

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9419	TRT#: 1 DOSE: CONTROL MALE	SEX: Male DISP: Dead	DAY ON TEST: 578 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Heart	Lymph Node - Mandibular	Parathyroid Gland	Preputial Gland
Salivary Glands	Skin	Spleen	Testes
Thymus			

MISSING

Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum	Mammary Gland
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AUTO PRECLUDES DIAG.

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Intestine Large - Rectum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Liver	Lung	Lymph Node - Bronchial	Nose
Pancreas	Prostate	Seminal Vesicle	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Kidney		Nephropathy	Chronic, Marked
Lung			
Note: AUTOLYSIS PRECLUDES DX OF LUNG-			
Pituitary Gland	Pars Distalis	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9420 TRT#: 1 SEX: Male DAY ON TEST: 737
DOSE: CONTROL MALE DISP: Terminal Sacrifice HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Liver	Lymph Node - Bronchial
Lymph Node - Mandibular	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Trachea	Urinary Bladder	

MISSING

Epididymis Mammary Gland

OBSERVATIONS

Adrenal Gland Note: DIFF DX CORTICAL ADENOMA	Cortex	Hyperplasia	Marked
Kidney Note: DIFF DX TUBULAR HYPERPLASIA, MARKED		Adenoma Nephropathy	Multiple Chronic, Marked
Lung	Artery	Mineralization	Mild
Nose Note: HYPERPL IS DORSOLATERAL TO R MAXILLOTURB. IN XS 1	Respirat Epith	Hyperplasia	Mild
Preputial Gland		Inflammation	Suppurative, Moderate
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9421

TRT#: 1

SEX: Male

DAY ON TEST: 684

DOSE: CONTROL MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland
Parathyroid Gland	Pituitary Gland	Prostate	Skin
Spleen	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

AUTO PRECLUDES DIAG.

Intestine Small - Duodenum

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Malignant	Multiple
Note: [PHEOCHROM MAL] TGLs = 3,4-12			
Heart		Cardiomyopathy	Moderate
	Artery	Inflammation	Moderate
Kidney		Nephropathy	Chronic, Marked
Note: [NEPHROPATHY] TGLs = 5-5+11			
Lacrimal Gland		Inflammation	Chronic, Moderate
		Karyomegaly	Moderate
Note: [INFLAMMATION] TGLs = 6-13			
Liver		Inflammation	Granulomatous, Marked
Note: [INFLAMMATION] TGLs = 2-15			
Lung	Artery	Inflammation	Moderate
	Artery	Mineralization	Moderate
Mesentery		Inflammation	Marked
Note: [INFLAMMATION] TGLs = 1-14			
Nose		Inflammation	Membranous, Minimal
Pancreas	Artery	Inflammation	Moderate
Preputial Gland		Inflammation	Suppurative, Moderate
Salivary Glands		Karyomegaly	Mild
Seminal Vesicle	Artery	Inflammation	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9421	TRT#: 1 DOSE: CONTROL MALE	SEX: Male DISP: Dead	DAY ON TEST: 684 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS			
Stomach	Artery	Inflammation	Marked
	Artery, Glandular	Inflammation	Marked
	Forestomach	Squamous Cell Papilloma	
Note: DIFF DX EPIDERMOID CA, KERATOACANTHOMA.			
Note: [PAPILOMA SQUA] TGLs = 7-8			
Testes	Seminif Tub	Atrophy	Mild
	Artery	Inflammation	Marked

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9422

TRT#: 1

SEX: Male

DAY ON TEST: 657

DOSE: CONTROL MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Liver	Lymph Node - Bronchial
Lymph Node - Mandibular	Nose	Pancreas	Parathyroid Gland
Pituitary Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland Thymus

OBSERVATIONS

Adrenal Gland	Medulla	Mineralization	Moderate
	Medulla	Pheochromocytoma Malignant	
Note: [PHEOCHROM MAL] TGLs = 5-12			
Heart		Cardiomyopathy	Mild
Note: BACTERIAL COLONIES IN LIVER,KIDNEYS,HEART.			
Kidney	Pelvis	Hyperplasia	Moderate
		Nephropathy	Chronic, Marked
Note: BACTERIAL COLONIES IN KIDNEY,LIVER, HEART			
Note: [NEPHROPATHY] TGLs = 2-5			
Lacrimal Gland		Inflammation	Chronic, Moderate
		Karyomegaly	Moderate
Note: [INFLAMMATION] TGLs = 4-11			
Lung	Artery	Mineralization	Moderate
		Pheochromocytoma Malignant	Metastatic (Uncertain Primary Site)
Note: [PHEOCHROM MAL] TGLs = 3-3			
Preputial Gland		Cyst	
Testes	Seminif Tub	Atrophy	Moderate
Thymus			
Note: BACTERIAL COLONIES IN LIVER,KIDNEY, HEART			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9422

TRT#: 1

SEX: Male

DAY ON TEST: 657

DOSE: CONTROL MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9423 TRT#: 1 SEX: Male DAY ON TEST: 661
DOSE: CONTROL MALE DISP: Moribund HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Islets, Pancreatic	Larynx	Liver	Lymph Node - Bronchial
Lymph Node - Mandibular	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Testes	Thymus	Urinary Bladder

MISSING

Mammary Gland

AUTO PRECLUDES DIAG.

Intestine Small - Ileum	Intestine Small - Jejunum	Thyroid Gland	Trachea
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OBSERVATIONS

Kidney Note: [NEPHROPATHY] TGLs = 3-5		Nephropathy	Chronic, Moderate
Lacrimal Gland Note: [INFLAMMATION] TGLs = 2-11		Inflammation Karyomegaly	Chronic, Moderate Moderate
Lung	Artery	Mineralization	Moderate
Nose	Glands	Dilatation	Mild
Pancreas	Artery	Inflammation	Marked
Preputial Gland Note: [INFLAMMATION] TGLs = 1-7		Inflammation	Suppurative, Moderate
Stomach	Artery, Glandular	Inflammation	Moderate
Urin Bladder Note: SEMINAL PLUG IN BLADDER			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9424	TRT#: 1	SEX: Male	DAY ON TEST: 402
	DOSE: CONTROL MALE	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Epididymis	Esophagus	Heart	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Liver	Mammary Gland
Nose	Pancreas	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Trachea	Urinary Bladder	

MISSING

Intestine Large - Cecum	Lymph Node - Bronchial	Lymph Node - Mandibular	Parathyroid Gland
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OBSERVATIONS

Brain		Hemorrhage	Moderate
Note: [HEMORRHAGE] TGLs = 1,2-1			
Kidney		Nephropathy	Chronic, Moderate
Lung	Artery	Mineralization	Mild
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9425 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 737
DOSE: CONTROL MALE **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Eye	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Liver
Lymph Node - Bronchial	Lymph Node - Mandibular	Nose	Pancreas
Preputial Gland	Prostate	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
	Medulla	Pheochromocytoma Malignant	
Note: [PHEOCHROM MAL] TGLs = 2,3-11			
Heart		Cardiomyopathy	Mild
	Artery	Mineralization	Moderate
	Atrium	Thrombosis	
Kidney		Nephropathy	Chronic, Marked
Note: [NEPHROPATHY] TGLs = 4-5			
Lacrimal Gland		Inflammation	Chronic, Moderate
		Karyomegaly	Moderate
Note: [INFLAMMATION] TGLs = 5-12			
Lung	Alveolus	Inflammation	Suppurative, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 6-10			
Salivary Glands		Inflammation	Chronic, Minimal
Testes	Seminif Tub	Atrophy	Mild
Note: [ATROPHY] TGLs = 1-7			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9425

TRT#: 1
DOSE: CONTROL MALE

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 737
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
 Test Type: CHRONIC
 Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Allyl glycidyl ether
 CAS Number: 106-92-3

Date Report Requested: 10/23/2014
 Time Report Requested: 11:39:26
 First Dose M/F: NA / NA
 Lab: BNW

ANIMAL ID: 9426 TRT#: 1 SEX: Male DAY ON TEST: 737
 DOSE: CONTROL MALE DISP: Terminal Sacrifice HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Heart	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland
Pancreas	Parathyroid Gland	Prostate	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Moderate
	Medulla	Pheochromocytoma Benign	
	Cortex	Vacuolization Cytoplasmic	Marked
Intestine Large	Cecum	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Marked
Note: [NEPHROPATHY] TGLs = 2-5			
Lacrimal Gland		Inflammation	Chronic, Moderate
		Karyomegaly	Marked
Note: [INFLAMMATION] TGLs = 3-11			
Liver		Inflammation	Granulomatous, Mild
Lung	Artery	Mineralization	Moderate
Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Suppurative, Moderate
Salivary Glands		Inflammation	Chronic, Minimal
Note: [INFLAMMATION] TGLs = 1-12			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9427

TRT#: 1

SEX: Male

DAY ON TEST: 737

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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	Islets, Pancreatic	Larynx	Lung
Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland	Pancreas
Preputial Gland	Prostate	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Urinary Bladder			

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Malignant	Multiple
Note: [PHEOCHROM MAL] TGLs = 3-5+11			
Kidney		Nephropathy	Chronic, Marked
Note: [NEPHROPATHY] TGLs = 5-5+11			
Lacrimal Gland		Inflammation	Chronic, Moderate
Note: [INFLAMMATION] TGLs = 4-12			
Larynx			
Note: XS OF LARYNX IS TANGENTIAL			
Liver		Clear Cell Focus	
Note: CLEAR CELL FOCUS IN LIVER XS ON SL 13-HERNIATED LOBE			
Nose	Glands	Dilatation	Minimal
		Inflammation	Suppurative, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Salivary Glands		Karyomegaly	Mild
Testes	Seminif Tub	Atrophy	Marked
	Artery	Inflammation	Marked
Note: [ATROPHY] TGLs = 1-7			
Thyroid Gland	C Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9427

TRT#: 1
DOSE: CONTROL MALE

SEX: Male
DISP: Terminal Sacrifice

DAY ON TEST: 737
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Trachea	Inflammation	Suppurative, Minimal
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PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9428 TRT#: 1 SEX: Male DAY ON TEST: 506
DOSE: CONTROL MALE DISP: Moribund HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Liver	Lymph Node - Bronchial	Lymph Node - Mandibular
Nose	Pancreas	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Seminal Vesicle	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Intestine Large - Cecum	Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Mild
Intestine Large	Rectum	Parasite Metazoan	
Kidney	Pelvis	Mineralization	Mild
		Nephropathy	Chronic, Mild
Note: [NEPHROPATHY] TGLs = 2-5+11			
Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Artery	Inflammation	Marked
	Artery	Mineralization	Marked
Skin		Giant Cell	Marked
		Granuloma	Marked
Note: [GRANULOMA] TGLs = 1-12			
Testes		Mineralization	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9429	TRT#: 1 DOSE: CONTROL MALE	SEX: Male DISP: Dead	DAY ON TEST: 666 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Heart	Islets, Pancreatic
Larynx	Liver	Lymph Node - Mandibular	Pancreas
Parathyroid Gland	Preputial Gland	Prostate	Seminal Vesicle
Skin	Spleen	Stomach - Glandular	Testes
Thymus	Trachea		

MISSING

Lymph Node - Bronchial	Mammary Gland
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AUTO PRECLUDES DIAG.

Bone Marrow	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Lung	Nose
Stomach - Forestomach	Urinary Bladder		

OBSERVATIONS

Intestine Large	Rectum	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Marked
Lung			
Note: EPITH OF BRONCHI GONE--AUTOLYSIS			
Pituitary Gland	Pars Distalis	Adenoma	
Salivary Glands		Karyomegaly	Mild
Thyroid Gland	C Cell	Adenoma	
Note: AUTOLYSIS MAKES DIFF BETWEEN TUMOR AND HYPERPL. DIFFICULT			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9430

TRT#: 1

SEX: Male

DAY ON TEST: 723

DOSE: CONTROL MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Eye	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Liver
Lung	Lymph Node - Bronchial	Lymph Node - Mandibular	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

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart	Aortic Valve	Mineralization	Moderate
Kidney		Nephropathy	Chronic, Marked
Preputial Gland		Inflammation	Suppurative, Marked

Note: [INFLAMMATION] TGLs = 1-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9431	TRT#: 1 DOSE: CONTROL MALE	SEX: Male DISP: Terminal Sacrifice	DAY ON TEST: 737 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

Adrenal Gland Note: [PHEOCHROM MAL] TGLs = 3-11	Medulla	Pheochromocytoma Malignant	
Heart	Aortic Valve Atrium	Mineralization Thrombosis	Moderate
Kidney Note: [NEPHROPATHY] TGLs = 2-5+11		Nephropathy	Chronic, Marked
Liver		Lymphoma Malignant Histiocytic	
Lung		Lymphoma Malignant Histiocytic	
Lymph Node	Bronchial	Lymphoma Malignant Histiocytic	
Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
Spleen Note: [LYMPH MAL HIST] TGLs = 1-4		Lymphoma Malignant Histiocytic	
Thymus	Artery	Inflammation	Moderate

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9432

TRT#: 1

SEX: Male

DAY ON TEST: 710

DOSE: CONTROL MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large - Colon
Intestine Large - Rectum	Islets, Pancreatic	Larynx	Liver
Lymph Node - Bronchial	Lymph Node - Mandibular	Nose	Pancreas
Parathyroid Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

MISSING

Mammary Gland

AUTO PRECLUDES DIAG.

Intestine Large - Cecum

Intestine Small - Duodenum

Intestine Small - Ileum

Intestine Small - Jejunum

OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Marked
Kidney		Nephropathy	Chronic, Moderate
Lacrimal Gland		Inflammation	Chronic, Moderate
		Karyomegaly	Marked
Note: [INFLAMMATION] TGLs = 2-11			
Lung		Inflammation	Granulomatous, Moderate
	Artery	Mineralization	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Suppurative, Marked
Note: [INFLAMMATION] TGLs = 1-7			
Testes	Artery	Inflammation	Moderate
Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
 Test Type: CHRONIC
 Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Allyl glycidyl ether
 CAS Number: 106-92-3

Date Report Requested: 10/23/2014
 Time Report Requested: 11:39:26
 First Dose M/F: NA / NA
 Lab: BNW

ANIMAL ID: 9433 TRT#: 1 SEX: Male DAY ON TEST: 719
 DOSE: CONTROL MALE DISP: Moribund HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Liver	Lymph Node - Bronchial
Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland	Prostate
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
Brain	Ventricle	Compression	
		Dilatation	Mild
Note: PIT.CA>>>COMPRESSION>>>DILAT. LAT. VENTRICLES.			
Kidney		Nephropathy	Chronic, Moderate
Note: [NEPHROPATHY] TGLs = 3-5			
Lung		Hemorrhage	Mild
	Artery	Mineralization	Mild
Nose	Nasolacrim Dct	Inflammation	Suppurative, Marked
		Inflammation	Suppurative, Moderate
Pancreas		Atrophy	Mild
Pituitary Gland	Pars Distalis	Carcinoma	
Note: CRITERIA FOR CA DX:KARYOMEGALY,COMPRESSES BRAIN			
Note: [CARCINOMA] TGLs = 5-8			
Preputial Gland		Cyst	
Note: [CYST] TGLs = 2-7			
Salivary Glands		Inflammation	Suppurative, Minimal
		Karyomegaly	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9434

TRT#: 1

SEX: Male

DAY ON TEST: 737

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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
Islets, Pancreatic	Liver	Lymph Node - Bronchial	Lymph Node - Mandibular
Mammary Gland	Pancreas	Parathyroid Gland	Preputial Gland
Prostate	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
	Medulla	Pheochromocytoma Benign	
Kidney		Nephropathy	Chronic, Marked
Larynx		Inflammation	Chronic, Mild
Lung	Artery	Inflammation	Minimal
Nose	Respirat Epith	Hyperplasia	Minimal
Note: HYPERPL. MAXIL. TURB. XS 1			
Pituitary Gland	Pars Distalis	Adenoma	
Salivary Glands		Karyomegaly	Mild
Testes	Artery	Inflammation	Marked
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9435	TRT#: 1 DOSE: CONTROL MALE	SEX: Male DISP: Dead	DAY ON TEST: 690 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum	Islets, Pancreatic
Larynx	Liver	Lymph Node - Bronchial	Mammary Gland
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Trachea
Urinary Bladder			

MISSING

Thymus

AUTO PRECLUDES DIAG.

Intestine Small - Ileum	Intestine Small - Jejunum
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OBSERVATIONS

Intestine Large	Colon	Parasite Metazoan	
Kidney		Hemorrhage	Marked
		Nephropathy	Chronic, Marked
Note: [HEMORRHAGE] TGLs = 3-5			
Note: [NEPHROPATHY] TGLs = 2-14			
Lung		Hemorrhage	Moderate
	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Artery	Mineralization	Moderate
Note: [INFILTRAT CELL] TGLs = 5,6-3+12+13			
Lymph Node	Mandibular	Inflammation	Suppurative, Moderate
Note: [INFLAMMATION] TGLs = 7-7			
Nose	Glands	Dilatation	Mild
		Inflammation	Suppurative, Minimal
Preputial Gland		Inflammation	Suppurative, Mild
Note: [INFLAMMATION] TGLs = 1-7			
Thyroid Gland		Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9435

TRT#: 1
DOSE: CONTROL MALE

SEX: Male
DISP: Dead

DAY ON TEST: 690
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9436 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 737
DOSE: CONTROL MALE **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Liver	Lung	Lymph Node - Bronchial
Lymph Node - Mandibular	Mammary Gland	Pancreas	Parathyroid Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Moderate
	Medulla	Pheochromocytoma Benign	
Brain		Hemorrhage	Mild
Heart	Artery	Mineralization	Marked
Kidney	Pelvis	Mineralization	Mild
		Nephropathy	Chronic, Marked
Note: [NEPHROPATHY] TGLs = 3-5			
Lacrimal Gland		Inflammation	Chronic, Moderate
		Karyomegaly	Marked
Note: [INFLAMMATION] TGLs = 4-12			
Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
Pituitary Gland	Pars Distalis	Carcinoma	
Note: [CARCINOMA] TGLs = 5-8			
Preputial Gland		Cyst	
Note: [CYST] TGLs = 1-11			
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9437	TRT#: 1	SEX: Male	DAY ON TEST: 593
	DOSE: CONTROL MALE	DISP: Dead	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Intestine Large - Colon
Intestine Large - Rectum	Islets, Pancreatic	Larynx	Liver
Lymph Node - Bronchial	Lymph Node - Mandibular	Nose	Pancreas
Parathyroid Gland	Preputial Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Intestine Large - Cecum	Mammary Gland
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AUTO PRECLUDES DIAG.

Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
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OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Mild
Kidney		Nephropathy	Chronic, Moderate
Lung		Inflammation	Granulomatous, Moderate
	Artery	Mineralization	Moderate
Pituitary Gland	Pars Distalis	Adenoma	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01

Test Type: CHRONIC

Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl glycidyl ether

CAS Number: 106-92-3

Date Report Requested: 10/23/2014

Time Report Requested: 11:39:26

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9438

TRT#: 1

SEX: Male

DAY ON TEST: 449

DOSE: CONTROL MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Islets, Pancreatic	Larynx
Mammary Gland	Nose	Pancreas	Pituitary Gland
Preputial Gland	Prostate	Salivary Glands	Seminal Vesicle
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

MISSING

Intestine Large - Cecum	Parathyroid Gland
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AUTO PRECLUDES DIAG.

Intestine Small - Ileum	Intestine Small - Jejunum	Thyroid Gland
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OBSERVATIONS

Harderian Gland		Hyperplasia	Marked
Note: [HYPERPLASIA] TGLs = 2-11			
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Marked
		Nephropathy	Chronic, Moderate
Liver		Lymphoma Malignant	
Lung		Lymphoma Malignant	
Note: [LYMPH MAL] TGLs = 1-3			
Lymph Node	Renal	Hemorrhage	Mild
	Bronchial	Lymphoma Malignant	
	Mandibular	Lymphoma Malignant	
Note: [LYMPH MAL] TGLs = 4-7			
Note: HEMORRHAGE TGLs = 1-11			
Spleen		Lymphoma Malignant	
Testes	Artery	Inflammation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9439 TRT#: 1 SEX: Male DAY ON TEST: 548
DOSE: CONTROL MALE DISP: Dead HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Islets, Pancreatic	Larynx
Liver	Lymph Node - Bronchial	Mammary Gland	Nose
Pancreas	Pituitary Gland	Preputial Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Intestine Large - Cecum	Lymph Node - Mandibular	Parathyroid Gland
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AUTO PRECLUDES DIAG.

Intestine Small - Ileum	Intestine Small - Jejunum
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OBSERVATIONS

Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Marked
Lung	Artery	Inflammation	Mild
Lymph Node	Renal	Hemorrhage	Mild
Note: [HEMORRHAGE] TGLs = 1-11			
Testes	Artery	Inflammation	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9440

TRT#: 1

SEX: Male

DAY ON TEST: 327

DOSE: CONTROL MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Heart
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Liver
Lung	Lymph Node - Bronchial	Lymph Node - Mandibular	Nose
Pancreas	Parathyroid Gland	Pituitary Gland	Prostate
Seminal Vesicle	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Trachea	Urinary Bladder

MISSING

Intestine Large - Cecum	Mammary Gland	Preputial Gland
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OBSERVATIONS

Kidney	Nephropathy	Chronic, Mild
Lymph Node		
Note: [HEMORRHAGE] TGLs = 1-11		
Salivary Glands	Karyomegaly	Minimal
Skin	Fibroma	
Note: [FIBROMA] TGLs = 1-11		
Thyroid Gland	Ultimobranchial Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
 Test Type: CHRONIC
 Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Allyl glycidyl ether
 CAS Number: 106-92-3

Date Report Requested: 10/23/2014
 Time Report Requested: 11:39:26
 First Dose M/F: NA / NA
 Lab: BNW

ANIMAL ID: 9441 TRT#: 1 SEX: Male DAY ON TEST: 683
 DOSE: CONTROL MALE DISP: Dead HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Harderian Gland	Islets, Pancreatic	Liver	Lymph Node - Bronchial
Lymph Node - Mandibular	Pancreas	Parathyroid Gland	Pituitary Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Glandular	Testes	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Epididymis Mammary Gland

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Lung	Nose

INSUFFICIENT TISSUE

Larynx Stomach - Forestomach

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
	Cortex	Vacuolization Cytoplasmic	Moderate
Note: PHEOCHROM IS A BORDERLINE LESION			
Heart	Atrium	Mineralization	Moderate
	Ventricle	Mineralization	Moderate
	Atrium	Thrombosis	
Note: [THROMBUS] TGLs = 6-11			
Kidney		Nephropathy	Chronic, Marked
Preputial Gland		Cyst	
		Inflammation	Suppurative, Moderate
Note: [CYST] TGLs = 1-7			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9442	TRT#: 1 DOSE: CONTROL MALE	SEX: Male DISP: Dead	DAY ON TEST: 735 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Islets, Pancreatic	Larynx	Liver
Mammary Gland	Pancreas	Prostate	Seminal Vesicle
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Trachea	

MISSING

Parathyroid Gland

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum		

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
	Cortex	Vacuolization Cytoplasmic	Mild
Heart	Atrium	Thrombosis	
Note: [THROMBUS] TGLs = 4-11			
Kidney		Nephropathy	Chronic, Marked
Note: [NEPHROPATHY] TGLs = 8-5			
Lung		Hemorrhage	Moderate
	Artery	Mineralization	Mild
Lymph Node	Bronchial	Hemorrhage	Moderate
	Mandibular	Hemorrhage	Moderate
	Renal	Hemorrhage	Mild
Note: [HEMORRHAGE] TGLs = 2-12			
Nose	Nasolacrim Dct	Inflammation	Suppurative, Moderate
		Inflammation	Suppurative, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 7-8			
Preputial Gland		Inflammation	Suppurative, Mild
Salivary Glands		Inflammation	Suppurative, Moderate
Note: [INFLAMMATION] TGLs = 1-12			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9442

TRT#: 1
DOSE: CONTROL MALE

SEX: Male
DISP: Dead

DAY ON TEST: 735
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland

C Cell

Carcinoma
Ultimobranchial Cyst

[Carcinoma TGLS = 3-2]

Urinary Bladder

Hyperplasia
Inflammation

Moderate
Chronic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9443	TRT#: 1 DOSE: CONTROL MALE	SEX: Male DISP: Dead	DAY ON TEST: 479 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Heart	Islets, Pancreatic
Liver	Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland
Pancreas	Parathyroid Gland	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Trachea	Urinary Bladder	

MISSING

Intestine Large - Cecum

AUTO PRECLUDES DIAG.

Harderian Gland	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Larynx	Lung
Nose	Thyroid Gland		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Moderate
Liver			

Note: LIVER IS BARELY INTERPERATEBLE DUE TO AUTOLYSIS

Note: SUBTLE CHANGES WOULD BE HARD TO READ IN THIS SECTION

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9444

TRT#: 1

SEX: Male

DAY ON TEST: 737

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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
Islets, Pancreatic	Lymph Node - Mandibular	Nose	Pancreas
Parathyroid Gland	Pituitary Gland	Prostate	Seminal Vesicle
Spleen	Stomach - Glandular	Testes	Thymus
Urinary Bladder			

MISSING

Mammary Gland	Stomach - Forestomach
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OBSERVATIONS

Adrenal Gland	Bilateral, Medulla Cortex	Pheochromocytoma Benign Vacuolization Cytoplasmic	Moderate
<p>Note: METASTATIC THYROID CARCINOMA. Note: LESION ON SLIDE #11. DIFFERENTIAL DIAGNOSIS Note: PHEOCHROM BGN LESION ON SLIDE #5. PHEOCHROM BGN</p>			
Kidney		Carcinoma Nephropathy	Metastatic (Thyroid Gland) Chronic, Marked
<p>Note: [NEPHROPATHY] TGLs = 5-5+11 Note: THIS LESION IS ON SLIDE #11</p>			
Lacrimal Gland		Inflammation Karyomegaly	Chronic, Moderate Moderate
<p>Note: [INFLAMMATION] TGLs = 6-13</p>			
Larynx		Carcinoma	Metastatic (Thyroid Gland)
Liver		Inflammation	Granulomatous, Mild
<p>Note: [INFLAMMATION] TGLs = 4-4</p>			
Lung		Carcinoma	Metastatic (Thyroid Gland)
Lymph Node	Bronchial	Carcinoma	Metastatic (Thyroid Gland)
<p>Note: [CARCINOMA] TGLs = 1,7-7+12 Note: MANDIBULAR LYMPH NODES. Note: THYROID CARCINOMA ALSO METASTATIC TO AXILLARY AND</p>			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9444

TRT#: 1

SEX: Male

DAY ON TEST: 737

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland		Cyst	
Note: [CYST] TGLs = 2-14			
Salivary Glands		Inflammation	Chronic, Minimal
		Karyomegaly	Minimal
Skin		Carcinoma	Metastatic (Thyroid Gland)
Thyroid Gland	C Cell	Carcinoma	
[Carcinoma TGLS = 3-2]			
Trachea		Carcinoma	Metastatic (Thyroid Gland)
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9445 TRT#: 1 SEX: Male DAY ON TEST: 635
DOSE: CONTROL MALE DISP: Dead HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Intestine Large - Rectum
Islets, Pancreatic	Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular
Pancreas	Parathyroid Gland	Preputial Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Testes	Thymus
Trachea			

MISSING

Mammary Gland

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Thyroid Gland		

INSUFFICIENT TISSUE

Pituitary Gland

OBSERVATIONS

Heart	Artery	Mineralization	Moderate
Kidney		Nephropathy	Chronic, Moderate
Lacrimal Gland		Inflammation	Chronic, Mild
		Karyomegaly	Moderate
Note: [INFLAMMATION] TGLs = 2-11			
Liver		Developmental Malformation	
Note: THIS LESION LOOKS LIKE PORTION OF LIVER THRU HERNIA			
Note: [DEVELOP MALFOR] TGLs = 1-12			
Lung		Inflammation	Granulomatous, Moderate
	Artery	Mineralization	Moderate
Nose	Glands	Dilatation	Minimal
		Inflammation	Suppurative, Minimal
Urinary Bladder		Calculus Micro Observation Only	
Note: MASS IN BLADDER IS REALLY A SEMINAL PLUG.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9445

TRT#: 1
DOSE: CONTROL MALE

SEX: Male
DISP: Dead

DAY ON TEST: 635
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9446	TRT#: 1 DOSE: CONTROL MALE	SEX: Male DISP: Dead	DAY ON TEST: 604 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Epididymis
Esophagus	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Islets, Pancreatic	Larynx	Liver	Lymph Node - Mandibular
Mammary Gland	Pancreas	Pituitary Gland	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Thymus	Trachea	Urinary Bladder	

MISSING

Intestine Large - Cecum	Lymph Node - Bronchial	Parathyroid Gland
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AUTO PRECLUDES DIAG.

Intestine Small - Ileum	Intestine Small - Jejunum	Testes
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
	Medulla	Pheochromocytoma Malignant	
Note: [PHEOCHROM MAL] TGLs = 3-11			
Brain	Meninges	Granular Cell Tumor Benign	
		Thrombosis	
Heart	Artery	Mineralization	Moderate
	Atrium	Thrombosis	
Kidney		Nephropathy	Chronic, Marked
Note: [NEPHROPATHY] TGLs = 2-5+11			
Lung		Hemorrhage	Marked
Nose		Inflammation	Suppurative, Mild
	Respirat Epith	Metaplasia	Squamous, Minimal
Note: LESION IS IN CROSS SECTION #1.			
Preputial Gland		Inflammation	Suppurative, Marked
Note: [INFLAMMATION] TGLs = 1-7			
Prostate		Inflammation	Suppurative, Minimal
Stomach	Glandular	Mineralization	Moderate
Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9446

TRT#: 1
DOSE: CONTROL MALE

SEX: Male
DISP: Dead

DAY ON TEST: 604
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9447 **TRT#:** 1 **SEX:** Male **DAY ON TEST:** 719
DOSE: CONTROL MALE **DISP:** Dead **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Liver	Lymph Node - Bronchial
Lymph Node - Mandibular	Nose	Pancreas	Preputial Gland
Prostate	Salivary Glands	Seminal Vesicle	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Testes
Trachea	Urinary Bladder		

MISSING

Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Moderate
Heart		Cardiomyopathy	Mild
Kidney		Adenoma	
		Nephropathy	Chronic, Marked
Note: [NEPHROPATHY] TGLs = 3-5+12			
Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
Note: [INFILTRAT CELL] TGLs = 1-3			
Lymph Node	Renal	Hemorrhage	Mild
Note: [HEMORRHAGE] TGLs = 4-5			
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
Thymus		Thymoma Malignant	
Thyroid Gland	C Cell	Adenoma	
	C Cell	Carcinoma	
Note: [CARCINOMA] TGLs = 2-2			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
 Test Type: CHRONIC
 Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Allyl glycidyl ether
 CAS Number: 106-92-3

Date Report Requested: 10/23/2014
 Time Report Requested: 11:39:26
 First Dose M/F: NA / NA
 Lab: BNW

ANIMAL ID: 9448	TRT#: 1 DOSE: CONTROL MALE	SEX: Male DISP: Dead	DAY ON TEST: 609 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Islets, Pancreatic	Liver	Lymph Node - Mandibular
Mammary Gland	Pituitary Gland	Preputial Gland	Prostate
Salivary Glands	Seminal Vesicle	Skin	Spleen
Stomach - Forestomach	Thyroid Gland	Urinary Bladder	

MISSING

Intestine Large - Cecum	Thymus		
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AUTO PRECLUDES DIAG.

Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Larynx	Nose	Trachea

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
	Medulla	Pheochromocytoma Benign	
	Cortex	Vacuolization Cytoplasmic	Mild
Note: [PHEOCHROM BGN] TGLs = 1-5			
Heart		Cardiomyopathy	Moderate
	Artery	Mineralization	Marked
Kidney	Artery	Mineralization	Marked
	Renal Tubule	Mineralization	Marked
		Nephropathy	Chronic, Marked
Note: [NEPHROPATHY] TGLs = 2-5			
Lung		Hemorrhage	Marked
	Artery	Mineralization	Moderate
Lymph Node	Bronchial	Hemorrhage	Moderate
Pancreas	Artery	Inflammation	Marked
Parathyroid Gland		Adenoma	
		Hyperplasia	Moderate
Stomach	Glandular	Mineralization	Marked
Testes	Artery	Inflammation	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9448

TRT#: 1
DOSE: CONTROL MALE

SEX: Male
DISP: Dead

DAY ON TEST: 609
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9449	TRT#: 1 DOSE: CONTROL MALE	SEX: Male DISP: Dead	DAY ON TEST: 485 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Epididymis	Esophagus
Heart	Intestine Large - Rectum	Islets, Pancreatic	Larynx
Liver	Lymph Node - Bronchial	Mammary Gland	Nose
Pancreas	Pituitary Gland	Prostate	Salivary Glands
Seminal Vesicle	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Trachea
Urinary Bladder			

MISSING

Intestine Large - Cecum	Lymph Node - Mandibular	Parathyroid Gland
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AUTO PRECLUDES DIAG.

Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Moderate
	Medulla	Hyperplasia	Moderate
Brain		Hemorrhage	Moderate
Note: THIS LESION DOES NOT LOOK LETHAL. PCOD IS NOT APPARENT.			
Kidney		Nephropathy	Chronic, Moderate
Lung	Artery	Mineralization	Moderate
Preputial Gland		Inflammation	Suppurative, Moderate
Thyroid Gland		Ultimobranchial Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9450 TRT#: 1 SEX: Male DAY ON TEST: 548
DOSE: CONTROL MALE DISP: Dead HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Intestine Large - Rectum	Intestine Small - Duodenum	Islets, Pancreatic
Larynx	Lymph Node - Mandibular	Pancreas	Prostate
Salivary Glands	Skin	Spleen	Thymus
Trachea	Urinary Bladder		

MISSING

Intestine Large - Cecum	Mammary Gland
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AUTO PRECLUDES DIAG.

Intestine Small - Ileum	Intestine Small - Jejunum
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OBSERVATIONS

Adrenal Gland	Cortex	Hemorrhage	Marked
Epididymis	Artery	Inflammation	Marked
Heart	Artery	Inflammation	Moderate
	Atrium	Thrombosis	
Intestine Large	Colon	Parasite Metazoan	Mild
Kidney		Nephropathy	Chronic, Marked
Liver		Hematopoietic Cell Proliferation	Moderate
Note: HEMA CELL PROL IS ACTUALLY EMH.			
Lung		Hemorrhage	Moderate
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
Note: ARTIFACTS AND AUTOLYSIS MAKES LUNGS DIFFICULT TO			
Note: INTERRUPT.			
Lymph Node	Bronchial	Hemorrhage	Moderate
Nose	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Suppurative, Mild
	Respirat Epith	Metaplasia	Squamous, Minimal
Note: NOSE LESION IS ON CROSS SECTION #1.			
Parathyroid Gland		Hyperplasia	Mild
Pituitary Gland	Pars Distalis	Cyst	
Preputial Gland		Inflammation	Suppurative, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9450

TRT#: 1
DOSE: CONTROL MALE

SEX: Male
DISP: Dead

DAY ON TEST: 548
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Seminal Vesicle		Inflammation	Suppurative, Mild
Stomach	Forestomach	Inflammation	Suppurative, Mild
	Glandular	Mineralization	Moderate
Testes	Seminif Tub	Atrophy	Marked
	Artery	Inflammation	Marked
Thyroid Gland		Ultimobranchial Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7151 **TRT#:** 4 **SEX:** Female **DAY ON TEST:** 738
DOSE: 5 PPM FEMALE **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood	Bone
Bone Marrow	Brain	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Liver	Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland
Ovary	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Thymus	Urinary Bladder	

MISSING

Parathyroid Gland

OBSERVATIONS

Clitoral Gland		Cyst Inflammation	Suppurative, Moderate
Note: [CYST] TGLs = 3-7			
Kidney		Nephropathy	Chronic, Minimal
Lung	Alveolus	Infiltration Cellular Inflammation Mineralization	Histiocyte, Minimal Granulomatous, Minimal Moderate
	Artery		
Note: MICROSCOPIC LESIONS ARE NOT OF SUFFICIENT SEVERITY Note: TO REFLECT THE GROSS LESIONS DISCRIBED AT TRIMMING.			
Nose	Olfactory Epi Glands Respirat Epith	Degeneration Dilatation Metaplasia	Mild Mild Squamous, Mild
Pancreas	Acinus	Hyperplasia	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Stomach	Glandular	Hyperplasia	Mild
Note: [HYPERPLASIA] TGLs = 4-8			
Thyroid Gland	C Cell	Adenoma	Multiple
Note: [ADENOMA] TGLs = 1-2			
Trachea		Inflammation	Suppurative, Mild
Uterus	Endometrium	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7151

TRT#: 4

SEX: Female

DAY ON TEST: 738

DOSE: 5 PPM FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7152

TRT#: 4

SEX: Female

DAY ON TEST: 738

DOSE: 5 PPM FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Marked
	Cortex	Hyperplasia	Marked
	Medulla	Pheochromocytoma Benign	
Clitoral Gland		Cyst	Mild
Kidney		Nephropathy	Chronic, Mild
Liver		Adenoma	
		Angiectasis	Moderate
		Basophilic Focus	Multiple
Note: [ANGIECTASIS] TGLs = 8-12			
Note: [ADENOMA] TGLs = 2-12			
Note: [BASOPH FOCUS] TGLs = 5,6,7,8-12+13			
Lung	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
	Artery	Mineralization	Moderate
Note: [INFILTRAT CELL] TGLs = 1-3			
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 4-11			
Nose	Olfactory Epi	Degeneration	Minimal
	Glands	Dilatation	Minimal
	Respirat Epith	Metaplasia	Squamous, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 3-8			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7152

TRT#: 4

SEX: Female

DAY ON TEST: 738

DOSE: 5 PPM FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus	Endometrium	Hyperplasia	Mild
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Note: THE PRESENCE OF SQUAMOUS EPITHELIUM IN THE UTERUS
Note: IS INTERPRETED AS A CUT THROUGH THE NORMAL
Note: TRANSITION FROM UTERUS TO CERVIX.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7153 **TRT#:** 4 **SEX:** Female **DAY ON TEST:** 738
DOSE: 5 PPM FEMALE **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular
Pancreas	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland Note: [ANGIECTASIS] TGLs = 4-5	Cortex	Angiectasis	Marked
Clitoral Gland Note: [CYST] TGLs = 2-7		Cyst	
Kidney		Nephropathy	Chronic, Mild
Liver		Hematopoietic Cell Proliferation	Moderate
Lung Note: [INFILTRAT CELL] TGLs = 6-11	Alveolar Epith Alveolus	Hyperplasia Infiltration Cellular	Mild Histiocyte, Moderate
Lymph Node Note: [HEMORRHAGE] TGLs = 7-12	Mesenteric	Hemorrhage	Moderate
Mammary Gland Note: [ADENOCARC] TGLs = 1-13 Note: [FIBROADENOMA] TGLs = 3-14		Adenocarcinoma Fibroadenoma	
Nose	Olfactory Epi Glands	Degeneration Dilatation	Minimal Mild
Ovary		Cyst	
Pituitary Gland Note: [ADENOMA] TGLs = 5-8	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7153

TRT#: 4

SEX: Female

DAY ON TEST: 738

DOSE: 5 PPM FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen

Hematopoietic Cell Proliferation

Moderate

Uterus

Polyp Stromal

Note: [POLYP STROMAL] TGLs = 8-8

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
 Test Type: CHRONIC
 Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Allyl glycidyl ether
 CAS Number: 106-92-3

Date Report Requested: 10/23/2014
 Time Report Requested: 11:39:26
 First Dose M/F: NA / NA
 Lab: BNW

ANIMAL ID: 7154

TRT#: 4

SEX: Female

DAY ON TEST: 738

DOSE: 5 PPM FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Liver	Lymph Node - Bronchial	Lymph Node - Mandibular	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea

MISSING

Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Moderate
Brain		Compression	Marked
Clitoral Gland		Cyst	
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Mild
Lung		Foreign Body	Marked
	Alveolar Epith	Hyperplasia	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
		Inflammation	Granulomatous, Marked
Note: [INFILTRAT CELL] TGLs = 3-3+11			
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 1-14+15			
Nose	Olfactory Epi	Degeneration	Minimal
Ovary		Sarcoma Stromal	Metastatic (Uterus)
Note: DIFFERENTIAL DIAGNOSIS SPINDAL CELL TUMOR OF THE			
Note: OVARY WITH INVASION OF ADJACENT UTERINE HORN.			
Note: [SARC STROMAL] TGLs = 2-12+13			
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 4-8			
Thyroid Gland	C Cell	Hyperplasia	Minimal
Uterus		Sarcoma Stromal	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7154

TRT#: 4

SEX: Female

DAY ON TEST: 738

DOSE: 5 PPM FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [SARC STROMAL] TGLs = 2-12+13

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
 Test Type: CHRONIC
 Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Allyl glycidyl ether
 CAS Number: 106-92-3

Date Report Requested: 10/23/2014
 Time Report Requested: 11:39:26
 First Dose M/F: NA / NA
 Lab: BNW

ANIMAL ID: 7155 TRT#: 4 SEX: Female DAY ON TEST: 738
 DOSE: 5 PPM FEMALE DISP: Terminal Sacrifice HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Liver	Lymph Node - Bronchial	Lymph Node - Mandibular
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Marked
	Medulla	Hyperplasia	Moderate
	Medulla	Pheochromocytoma Benign	
Note: [ANGIECTASIS] TGLs = 2-5			
Intestine Large	Rectum	Hyperplasia	Lymphoid, Mild
Note: [HYPERPLASIA] TGLs = 7-13			
Kidney	Renal Tubule	Degeneration	Marked
		Nephropathy	Chronic, Mild
Lung	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Mild
Note: [INFILTRAT CELL] TGLs = 3-11			
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 5-12			
Nose	Olfactory Epi	Degeneration	Minimal
	Respirat Epith	Metaplasia	Squamous, Minimal
Ovary		Cyst	
Note: [CYST] TGLs = 8-7			
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 6-8			
Thyroid Gland	C Cell	Adenoma	
Uterus		Polyp Stromal	
Note: [POLYP STROMAL] TGLs = 1-8			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7155

TRT#: 4

SEX: Female

DAY ON TEST: 738

DOSE: 5 PPM FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7156

TRT#: 4

SEX: Female

DAY ON TEST: 738

DOSE: 5 PPM FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Liver
Lymph Node - Bronchial	Lymph Node - Mandibular	Ovary	Pancreas
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

MISSING

Parathyroid Gland

OBSERVATIONS

Clitoral Gland		Cyst	
Kidney		Nephropathy	Chronic, Minimal
Lung	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
Note: [INFILTRAT CELL] TGLs = 3,4-3+11			
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 1-12			
Nose	Olfactory Epi	Degeneration	Minimal
	Respirat Epith	Metaplasia	Squamous, Minimal
Stomach	Forestomach	Acanthosis	Moderate
Thyroid Gland	C Cell	Adenoma	
Uterus	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7157

TRT#: 4

SEX: Female

DAY ON TEST: 738

DOSE: 5 PPM FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Liver
Lung	Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland
Ovary	Pancreas	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Marked
Kidney	Pelvis	Mineralization	Mild
		Nephropathy	Chronic, Minimal
Nose	Olfactory Epi Glands	Degeneration	Minimal
	Respirat Epith	Dilatation	Mild
Pituitary Gland	Pars Distalis	Metaplasia	Squamous, Minimal
Uterus	Endometrium	Adenoma	
		Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7158 **TRT#:** 4 **SEX:** Female **DAY ON TEST:** 674
DOSE: 5 PPM FEMALE **DISP:** Moribund **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Mammary Gland
Pancreas	Parathyroid Gland	Pituitary Gland	Skin
Stomach - Forestomach	Stomach - Glandular	Trachea	Urinary Bladder
Uterus			

MISSING

Adrenal Gland - Medulla	Bone Marrow
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OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
	Cortex	Lymphoma Malignant Undifferentiated Cell Type	
	Cortex	Vacuolization Cytoplasmic	Marked
Note: [ADENOMA] TGLs = 6-5			
Brain		Hemorrhage	Marked
Note: [HEMORRHAGE] TGLs = 4-1			
Heart		Lymphoma Malignant Undifferentiated Cell Type	
Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Chronic, Mild
Liver		Lymphoma Malignant Undifferentiated Cell Type	
Lung		Lymphoma Malignant Undifferentiated Cell Type	
Lymph Node	Bronchial	Lymphoma Malignant Undifferentiated Cell Type	
	Mandibular	Lymphoma Malignant Undifferentiated Cell Type	
	Mesenteric	Lymphoma Malignant Undifferentiated Cell Type	
Note: [LYMPH MAL UNDF] TGLs = 5-2			
Note: [LYMPH MAL UNDF] TGLs = 1-7			
[Lymphoma Malignant Undifferentiated Cell Type TGLS = 3-12]			
Nose	Olfactory Epi	Degeneration	Mild
	Glands	Dilatation	Mild
		Inflammation	Suppurative, Mild
	Respirat Epith	Metaplasia	Squamous, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7158	TRT#: 4	SEX: Female	DAY ON TEST: 674
	DOSE: 5 PPM FEMALE	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Ovary		Cyst	
Salivary Glands		Lymphoma Malignant Undifferentiated Cell Type Karyomegaly	Mild
Spleen		Lymphoma Malignant Undifferentiated Cell Type Lymphoma Malignant Undifferentiated Cell Type	
Note: [LYMPH MAL UNDF] TGLs = 2-4			
Thymus		Lymphoma Malignant Undifferentiated Cell Type	
Thyroid Gland	C Cell	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7159

TRT#: 4

SEX: Female

DAY ON TEST: 738

DOSE: 5 PPM FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Liver
Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland	Ovary
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
	Cortex	Vacuolization Cytoplasmic	Mild
Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Chronic, Mild
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Granulomatous, Moderate
	Artery	Mineralization	Moderate
Nose	Olfactory Epi	Degeneration	Mild
	Glands	Dilatation	Mild
	Respirat Epith	Hyperplasia	Minimal
	Respirat Epith	Metaplasia	Squamous, Minimal
Pancreas		Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Uterus	Endometrium	Hyperplasia	Mild

Note: OF THE CERVICAL AND GLANDULAR EPITHELIUM.

Note: INTERPRETED AS RESULTING FROM A CUT AT THE JUNCTION

Note: THE SQUAMOUS EPITHELIUM OF THE UTERUS IS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
 Test Type: CHRONIC
 Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Allyl glycidyl ether
 CAS Number: 106-92-3

Date Report Requested: 10/23/2014
 Time Report Requested: 11:39:26
 First Dose M/F: NA / NA
 Lab: BNW

ANIMAL ID: 7160 TRT#: 4 SEX: Female DAY ON TEST: 669
 DOSE: 5 PPM FEMALE DISP: Dead HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Liver	Ovary	Pancreas
Skin	Spleen	Trachea	Urinary Bladder
Uterus			

MISSING

Lymph Node - Bronchial	Lymph Node - Mandibular	Parathyroid Gland	Salivary Glands
Stomach - Forestomach	Thymus		

OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
	Cortex	Angiectasis	Marked
	Cortex	Hyperplasia	Moderate
Note: [ANGIECTASIS] TGLs = 3-5			
Clitoral Gland		Inflammation	Suppurative, Marked
Note: [INFLAMMATION] TGLs = 1-11			
Kidney	Pelvis	Mineralization	Mild
		Nephropathy	Chronic, Moderate
Larynx		Inflammation	Suppurative, Moderate
Lung	Artery	Mineralization	Moderate
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 2-11+12+13			
Nose	Olfactory Epi	Degeneration	Mild
	Nasolacrim Dct	Inflammation	Suppurative, Moderate
	Olfactory Epi	Metaplasia	Squamous, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 4-8			
Stomach	Glandular	Mineralization	Moderate
Thyroid Gland	C Cell	Hyperplasia	Moderate
		Ultimobranchial Cyst	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7160

TRT#: 4

SEX: Female

DAY ON TEST: 669

DOSE: 5 PPM FEMALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7161

TRT#: 4

SEX: Female

DAY ON TEST: 735

DOSE: 5 PPM FEMALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Esophagus	Heart
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lymph Node - Mandibular
Ovary	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

MISSING

Lymph Node - Bronchial

AUTO PRECLUDES DIAG.

Intestine Large - Cecum

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Moderate
	Medulla	Hyperplasia	Moderate
Brain		Compression	Moderate
Clitoral Gland		Cyst	
Kidney	Pelvis	Hyperplasia	Moderate
	Pelvis	Mineralization	Marked
	Renal Tubule	Mineralization	Moderate
		Nephropathy	Chronic, Moderate
Liver		Hematopoietic Cell Proliferation	Mild
		Necrosis	Mild
Lung	Alveolus	Infiltration Cellular	Histiocyte, Moderate
	Artery	Mineralization	Moderate
Mammary Gland		Adenocarcinoma	

Note: ORIENTING OF THE NEOPLASTIC CELLS AROUND THE
 Note: THIS IS A HIGHLY ANAPLASTIC MALIGNANT TUMOR.
 Note: FIBRO STROMA. DIFFERENTIAL DIAGNOSIS IS LIPOSARCOMA.
 Note: [ADENOCARC] TGLs = 1,2-13+14+15
 Note: PATTERN IN ADJACENT TO SKEL MUSCULE AND THE
 Note: DIAGNOSIS IS BASED ON SUGGESTION OF GLANDULAR

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7161	TRT#: 4	SEX: Female	DAY ON TEST: 735
	DOSE: 5 PPM FEMALE	DISP: Dead	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Nose	Olfactory Epi	Degeneration	Mild
	Olfactory Epi	Metaplasia	Squamous, Minimal
	Respirat Epith	Metaplasia	Squamous, Minimal
Pancreas		Atrophy	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 3-8			
Spleen		Hematopoietic Cell Proliferation	Moderate
Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Moderate
		Ultimobranchial Cyst	
Uterus	Endometrium	Metaplasia	Squamous, Marked
		Polyp Stromal	
Note: [POLYP STROMAL] TGLs = 4-12			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7162 TRT#: 4 SEX: Female DAY ON TEST: 164
DOSE: 5 PPM FEMALE DISP: Dead HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Esophagus	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Islets, Pancreatic	Liver	Lymph Node - Bronchial	Lymph Node - Mandibular
Mammary Gland	Ovary	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Thymus	Thyroid Gland	Urinary Bladder	Uterus

MISSING

Intestine Large - Cecum	Intestine Small - Ileum
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AUTO PRECLUDES DIAG.

Intestine Small - Jejunum	Larynx
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OBSERVATIONS

Bone		Fibrous Osteodystrophy	Moderate
Clitoral Gland		Inflammation	Suppurative, Marked
Heart	Artery	Mineralization	Marked
Kidney	Renal Tubule	Mineralization	Marked
		Nephropathy	Chronic, Marked
Note: [NEPHROPATHY] TGLs = 4-5			
Lung	Artery	Mineralization	Marked
Mesentery	Artery	Inflammation	Marked
Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Hyperplasia	Minimal
	Respirat Epith	Metaplasia	Squamous, Minimal
Pancreas	Artery	Inflammation	Marked
Stomach	Glandular	Mineralization	Moderate
Note: [MINERALIZATION] TGLs = 3-8			
Trachea		Mineralization	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7163	TRT#: 4	SEX: Female	DAY ON TEST: 550
	DOSE: 5 PPM FEMALE	DISP: Dead	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Islets, Pancreatic
Larynx	Liver	Lung	Lymph Node - Mandibular
Mammary Gland	Ovary	Pancreas	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Intestine Large - Cecum	Lymph Node - Bronchial	Parathyroid Gland	
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AUTO PRECLUDES DIAG.

Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum			

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
	Cortex	Vacuolization Cytoplasmic	Mild
Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Chronic, Minimal
Nose	Olfactory Epi	Degeneration	Minimal
	Respirat Epith	Hyperplasia	Minimal
	Respirat Epith	Metaplasia	Squamous, Mild
Uterus	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
 Test Type: CHRONIC
 Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Allyl glycidyl ether
 CAS Number: 106-92-3

Date Report Requested: 10/23/2014
 Time Report Requested: 11:39:26
 First Dose M/F: NA / NA
 Lab: BNW

ANIMAL ID: 7164 TRT#: 4 SEX: Female DAY ON TEST: 579
 DOSE: 5 PPM FEMALE DISP: Moribund HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Brain	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Liver	Lymph Node - Bronchial
Lymph Node - Mandibular	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Bone	Bone Marrow	Clitoral Gland	Intestine Small - Ileum
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OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
Intestine Large	Colon	Parasite Metazoan	Mild
Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Chronic, Mild
Lung	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
Note: [INFILTRAT CELL] TGLs = 2,3-3+11			
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 1-12+13			
Nose	Olfactory Epi	Degeneration	Minimal
	Glands	Dilatation	Moderate
	Respirat Epith	Metaplasia	Squamous, Minimal
Tooth		Inflammation	Suppurative, Marked

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7165 TRT#: 4 SEX: Female DAY ON TEST: 318
DOSE: 5 PPM FEMALE DISP: Moribund HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lymph Node - Bronchial
Lymph Node - Mandibular	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

MISSING

Intestine Large - Cecum

OBSERVATIONS

Kidney	Renal Tubule	Mineralization	Mild
Liver		Hematopoietic Cell Proliferation	Moderate
Lung		Adenocarcinoma	Metastatic (Mammary Gland)
Note: [ADENOCARC] TGLs = 3-3+11			
Mammary Gland		Adenocarcinoma	Multiple
Note: [ADENOCARC] TGLs = 1,2-12+13			
Nose	Olfactory Epi Glands	Degeneration	Mild
	Respirat Epith	Dilatation	Mild
	Olfactory Epi	Hyperplasia	Mild
	Respirat Epith	Metaplasia	Squamous, Mild
Note: OLFATORY EPITHELIAL LESIONS ARE ON XS 2 & 3.		Metaplasia	Squamous, Mild
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: [HEMA CELL PROL] TGLs = 4-4			
Thyroid Gland	C Cell	Hyperplasia	Moderate
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
 Test Type: CHRONIC
 Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Allyl glycidyl ether
 CAS Number: 106-92-3

Date Report Requested: 10/23/2014
 Time Report Requested: 11:39:26
 First Dose M/F: NA / NA
 Lab: BNW

ANIMAL ID: 7166 TRT#: 4 SEX: Female DAY ON TEST: 738
 DOSE: 5 PPM FEMALE DISP: Terminal Sacrifice HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Heart	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Lymph Node - Mandibular	Ovary	Pancreas	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder		

MISSING

Clitoral Gland	Intestine Large - Cecum	Lymph Node - Bronchial	Parathyroid Gland
Thymus			

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Marked
	Cortex	Hyperplasia	Moderate
Brain		Compression	Moderate
		Hemorrhage	Mild
Eye		Cataract	Multiple, Moderate
Note: [CATARACT] TGLs = 1-13			
Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Chronic, Mild
Liver		Eosinophilic Focus	
Lung	Alveolar Epith	Hyperplasia	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
Note: [INFILTRAT CELL] TGLs = 3-3			
Mammary Gland		Galactocele	
Note: [GALACTOCELE] TGLs = 2-13			
Nose	Olfactory Epi	Degeneration	Minimal
	Respirat Epith	Metaplasia	Squamous, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 4-8			
Thyroid Gland	C Cell	Adenoma	
Uterus	Endometrium	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7166

TRT#: 4

SEX: Female

DAY ON TEST: 738

DOSE: 5 PPM FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
 Test Type: CHRONIC
 Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Allyl glycidyl ether
 CAS Number: 106-92-3

Date Report Requested: 10/23/2014
 Time Report Requested: 11:39:26
 First Dose M/F: NA / NA
 Lab: BNW

ANIMAL ID: 7167	TRT#: 4 DOSE: 5 PPM FEMALE	SEX: Female DISP: Moribund	DAY ON TEST: 642 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Liver	Lymph Node - Bronchial
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

MISSING

Clitoral Gland			
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OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
	Cortex	Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Minimal
Lung	Alveolar Epith	Hyperplasia	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
	Artery	Mineralization	Moderate
Lymph Node	Mandibular	Hemorrhage	Moderate
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 1-11+12			
Nose	Olfactory Epi	Degeneration	Mild
	Glands	Dilatation	Minimal
	Respirat Epith	Hyperplasia	Minimal
	Respirat Epith	Metaplasia	Squamous, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 3-8			
Thyroid Gland	C Cell	Carcinoma	
	C Cell	Hyperplasia	Mild
Note: [CARCINOMA] TGLs = 2-2			

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
 Test Type: CHRONIC
 Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Allyl glycidyl ether
 CAS Number: 106-92-3

Date Report Requested: 10/23/2014
 Time Report Requested: 11:39:26
 First Dose M/F: NA / NA
 Lab: BNW

ANIMAL ID: 7168 **TRT#:** 4 **SEX:** Female **DAY ON TEST:** 408
DOSE: 5 PPM FEMALE **DISP:** Moribund **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Lymph Node - Bronchial	Mammary Gland
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea		

MISSING

Intestine Large - Cecum	Lymph Node - Mandibular
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OBSERVATIONS

Clitoral Gland		Cyst	
Note: [CYST] TGLs = 10-7			
Kidney	Pelvis	Mineralization	Mild
		Nephropathy	Chronic, Minimal
Liver		Developmental Malformation	
		Necrosis	Moderate
Note: CAVITY.			
Note: HERNIA WITH THE LIVER PROTRUDING INTO THE CHEST			
Note: MASS DESCRIBED AT NECROPSY REPRESENTS A DIAPHRAGMATIC			
Note: [DEVELOP MALFOR] TGLs = 3-11			
Lung	Alveolus	Inflammation	Suppurative, Mild
Lymph Node	Renal	Hyperplasia	Lymphoid, Minimal
Note: [HYPERPLASIA] TGLs = 9-5			
Nose	Olfactory Epi	Degeneration	Moderate
	Glands	Dilatation	Moderate
	Respirat Epith	Hyperplasia	Mild
		Inflammation	Suppurative, Mild
	Olfactory Epi	Metaplasia	Squamous, Mild
	Respirat Epith	Metaplasia	Squamous, Mild
Note: THERE ARE LESIONS ON ALLTHREE SECTIONS. ALL ARE			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7168

TRT#: 4
DOSE: 5 PPM FEMALE

SEX: Female
DISP: Moribund

DAY ON TEST: 408
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: PHOTOGENIC.

Ovary

Cyst

Note: [CYST] TGLs = 7-7

Spleen

Hematopoietic Cell Proliferation

Marked

Note: [HEMA CELL PROL] TGLs = 2-4

Urinary Bladder

Hyperplasia

Moderate

Inflammation

Suppurative, Mild

Uterus

Sarcoma Stromal

Note: [SARC STROMAL] TGLs = 4,5-12+13+14+15

PRIMARY CAUSE OF DEATH

-

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7169	TRT#: 4	SEX: Female	DAY ON TEST: 631
	DOSE: 5 PPM FEMALE	DISP: Dead	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Esophagus	Lymph Node - Bronchial
Skin			

MISSING

Intestine Large - Cecum	Parathyroid Gland
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AUTO PRECLUDES DIAG.

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Heart
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Liver	Lymph Node - Mandibular	Nose	Ovary
Pancreas	Salivary Glands	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

INSUFFICIENT TISSUE

Pituitary Gland

OBSERVATIONS

Clitoral Gland		Inflammation	Suppurative, Marked
Lung	Alveolus	Infiltration Cellular	Histiocyte, Moderate
		Sarcoma	Metastatic (Uterus)

Note: [INFILTRAT CELL] TGLs = 7-3

Mammary Gland

Note: [FIBROADENOMA] TGLs = 1,2-12+13

Uterus

Note: [SARCOMA] TGLs = 3-8+11

Note: AUTOLYSIS IF THE UTERINE TUMOR PREVENTS CRITICAL
Note: EVALUATION OF ITS MORPHOLOGIC TYPE HOWEVER, I CAN
Note: CELLS SUGGESTING SARCOMA. IT IS MORE THAN LIKELY
Note: RECOGNIZE ENTERLACING BUNDLES OF SPINDAL SHAPE
Note: A STROMAL SARCOMA, BUT I AM CALLING IT A SARCOMA NOS.

PRIMARY CAUSE OF DEATH

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
 Test Type: CHRONIC
 Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Allyl glycidyl ether
 CAS Number: 106-92-3

Date Report Requested: 10/23/2014
 Time Report Requested: 11:39:26
 First Dose M/F: NA / NA
 Lab: BNW

ANIMAL ID: 7170

TRT#: 4

SEX: Female

DAY ON TEST: 738

DOSE: 5 PPM FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Liver	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Clitoral Gland	Lymph Node - Bronchial
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OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Marked
	Medulla	Hyperplasia	Mild
	Cortex	Vacuolization Cytoplasmic	Mild
Note: [ANGIECTASIS] TGLs = 6-5			
Kidney		Nephropathy	Chronic, Mild
Larynx		Foreign Body	Moderate
		Inflammation	Suppurative, Moderate
Lung	Alveolus	Infiltration Cellular	Histiocyte, Moderate
		Inflammation	Granulomatous, Moderate
Note: [INFILTRAT CELL] TGLs = 4-11			
Lymph Node	Mandibular	Hemorrhage	Marked
Note: [HEMORRHAGE] TGLs = 1-7			
Mammary Gland		Adenocarcinoma	
Note: [ADENOCARC] TGLs = 2-12			
Nose	Olfactory Epi	Degeneration	Minimal
	Glands	Dilatation	Mild
	Respirat Epith	Hyperplasia	Minimal
	Respirat Epith	Metaplasia	Squamous, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Thymus		Cyst	
Uterus	Endometrium	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7170

TRT#: 4
DOSE: 5 PPM FEMALE

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 738
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Inflammation

Suppurative, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7171 **TRT#:** 4 **SEX:** Female **DAY ON TEST:** 738
DOSE: 5 PPM FEMALE **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Liver	Lymph Node - Bronchial	Lymph Node - Mandibular
Mammary Gland	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
	Cortex	Angiectasis	Moderate
	Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Mild
Note: [ANGIECTASIS] TGLs = 4-5			
Kidney		Nephropathy	Chronic, Minimal
Larynx		Inflammation	Suppurative, Mild
Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Artery	Mineralization	Moderate
Nose	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Suppurative, Mild
Ovary		Cyst	
Note: [CYST] TGLs = 6-7			
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 5-8			
Thyroid Gland	C Cell	Adenoma	
Uterus	Endometrium	Hyperplasia	Mild
		Polyp Stromal	
Note: [HYPERPLASIA] TGLs = 2-8+12			
Note: [POLYP STROMAL] TGLs = 1-12			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7172

TRT#: 4

SEX: Female

DAY ON TEST: 738

DOSE: 5 PPM FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Liver
Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
	Cortex	Angiectasis	Marked
	Cortex	Vacuolization Cytoplasmic	Marked
Note: [ANGIECTASIS] TGLs = 5-5			
Kidney	Pelvis	Hyperplasia	Mild
		Liposarcoma	
	Pelvis	Mineralization	Moderate
		Nephropathy	Chronic, Mild
Note: [LIPOSARC] TGLs = 4-5			
Lung	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
Note: CELLULAR INFILTRATE.			
Note: WE NEED A DIAGNOSIS FOR THE ALVEOLAR PROTEINOSIS			
Note: [INFILTRAT CELL] TGLs = 3-3+11			
Note: THAT IS OCCURING IN THESE ANIMALS WITH THE HISTIOCYTIC			
Nose	Olfactory Epi	Degeneration	Moderate
	Glands	Dilatation	Mild
		Inflammation	Suppurative, Mild
	Olfactory Epi	Metaplasia	Mild
	Olfactory Epi	Metaplasia	Squamous, Mild
	Respirat Epith	Metaplasia	Squamous, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7172

TRT#: 4
DOSE: 5 PPM FEMALE

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 738
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Ovary
Note: [CYST] TGLs = 1-7
Pituitary Gland
Thyroid Gland
Uterus
Note: [POLYP STROMAL] TGLs = 2-12

Pars Distalis
C Cell

Cyst
Adenoma
Adenoma
Polyp Stromal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
 Test Type: CHRONIC
 Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Allyl glycidyl ether
 CAS Number: 106-92-3

Date Report Requested: 10/23/2014
 Time Report Requested: 11:39:26
 First Dose M/F: NA / NA
 Lab: BNW

ANIMAL ID: 7173 TRT#: 4 SEX: Female DAY ON TEST: 738
 DOSE: 5 PPM FEMALE DISP: Terminal Sacrifice HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Eye	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Liver	Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland Note: [ANGIECTASIS] TGLs = 2-5	Cortex	Angiectasis	Marked
Kidney	Renal Tubule	Mineralization Nephropathy	Mild Chronic, Mild
Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
Nose	Olfactory Epi Glands Respirat Epith Olfactory Epi Respirat Epith	Degeneration Dilatation Hyperplasia Metaplasia Metaplasia	Mild Mild Minimal Minimal Squamous, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Skin Note: [SARCOMA] TGLs = 1-12+13+14		Sarcoma	
Thyroid Gland	C Cell	Adenoma	Multiple

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
 Test Type: CHRONIC
 Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Allyl glycidyl ether
 CAS Number: 106-92-3

Date Report Requested: 10/23/2014
 Time Report Requested: 11:39:26
 First Dose M/F: NA / NA
 Lab: BNW

ANIMAL ID: 7174 TRT#: 4 SEX: Female DAY ON TEST: 720
 DOSE: 5 PPM FEMALE DISP: Dead HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Esophagus	Islets, Pancreatic
Larynx	Lymph Node - Mandibular	Mammary Gland	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Intestine Large - Cecum

AUTO PRECLUDES DIAG.

Bone Marrow	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum		

OBSERVATIONS

Adrenal Gland	Cortex	Lymphoma Malignant	
	Medulla	Lymphoma Malignant	
Note: [LYMPH MAL] TGLs = 4-5			
Clitoral Gland		Inflammation	Suppurative, Mild
Heart		Inflammation	Suppurative, Marked
Kidney	Renal Tubule	Cyst	
		Mineralization	Mild
		Nephropathy	Chronic, Mild
Liver	Hepatocyte	Cytomegaly	Marked
		Lymphoma Malignant	
Note: [LYMPH MAL] TGLs = 2-4			
Lung	Alveolus	Fibrosis	Moderate
	Alveolus	Infiltration Cellular	Histiocyte, Marked
	Alveolus	Inflammation	Suppurative, Marked
	Artery	Mineralization	Marked
Note: [INFILTRAT CELL] TGLs = 5-3+11			
Lymph Node	Bronchial	Hemorrhage	Marked
Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Hyperplasia	Minimal
	Olfactory Epi	Metaplasia	Squamous, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7174	TRT#: 4 DOSE: 5 PPM FEMALE	SEX: Female DISP: Dead	DAY ON TEST: 720 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

Ovary	Respirat Epith	Metaplasia	Squamous, Minimal
Pituitary Gland	Pars Distalis	Lymphoma Malignant	
Spleen		Adenoma	
		Lymphoma Malignant	
Note: IFICATION OF THE MALIGNANT LYMPHOMA.			
Note: [LYMPH MAL] TGLs = 1-12			
Note: AUTOLYSIS OF THE SPLEEN AND LIVER PREVENTS CLASS-			
Thymus		Inflammation	Suppurative, Marked
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH -

Animal Note: IT IS SLAIVARY GLAND.

Animal Note: THE TISSUE ON SLIDE #13 IS NOT LACRIMAL GLAND

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
 Test Type: CHRONIC
 Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Allyl glycidyl ether
 CAS Number: 106-92-3

Date Report Requested: 10/23/2014
 Time Report Requested: 11:39:26
 First Dose M/F: NA / NA
 Lab: BNW

ANIMAL ID: 7175 TRT#: 4 SEX: Female DAY ON TEST: 738
 DOSE: 5 PPM FEMALE DISP: Terminal Sacrifice HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Bronchial	Lymph Node - Mandibular	Ovary	Pancreas
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Mild
Clitoral Gland		Inflammation	Suppurative, Moderate
Heart		Cardiomyopathy	Mild
Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Chronic, Mild
Larynx	Epithelium	Hyperplasia	Mild
		Inflammation	Suppurative, Mild
Liver		Adenoma	
		Basophilic Focus	Mild
	Bile Duct	Hyperplasia	Moderate
Note: [ADENOMA] TGLs = 3-12			
Lung	Alveolus	Fibrosis	Mild
	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
	Alveolus	Inflammation	Suppurative, Mild
Note: [INFILTRAT CELL] TGLs = 2-3+11			
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 1-13+14			
Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Metaplasia	Squamous, Minimal
Pituitary Gland	Pars Distalis	Cyst	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7175

TRT#: 4
DOSE: 5 PPM FEMALE

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 738
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	C Cell	Adenoma	
	Follicular Cel	Cyst	
Uterus	Endometrium	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7176

TRT#: 4

SEX: Female

DAY ON TEST: 738

DOSE: 5 PPM FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lymph Node - Bronchial
Mammary Gland	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

INSUFFICIENT TISSUE

Pituitary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Moderate
	Cortex	Vacuolization Cytoplasmic	Moderate
Kidney	Pelvis	Mineralization	Mild
		Nephropathy	Chronic, Mild
Liver		Clear Cell Focus	Mild
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
	Artery	Mineralization	Moderate
Lymph Node	Mandibular	Hyperplasia	Lymphoid, Moderate
Note: [HYPERPLASIA] TGLs = 2-7			
Nose	Olfactory Epi	Degeneration	Mild
	Glands	Dilatation	Mild
	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Suppurative, Mild
	Olfactory Epi	Metaplasia	Minimal
	Olfactory Epi	Metaplasia	Squamous, Minimal
	Respirat Epith	Metaplasia	Squamous, Mild

Note: OLFACTORY EPITHELIUM OM XS #2.

Note: THERE IS ALSO SOME RESPIRATORY METAPLASIA IN THE Parathyroid GI

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7176	TRT#: 4	SEX: Female	DAY ON TEST: 738
	DOSE: 5 PPM FEMALE	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: PARATHYROID GLAND APPEARS AS MARKED COMPRESSION

Thyroid Gland	C Cell	Carcinoma	
	C Cell	Hyperplasia	Moderate
[Carcinoma TGLS = 1-2]			

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7177

TRT#: 4

SEX: Female

DAY ON TEST: 723

DOSE: 5 PPM FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Liver	Lymph Node - Bronchial	Lymph Node - Mandibular
Ovary	Parathyroid Gland	Salivary Glands	Spleen
Stomach - Forestomach	Stomach - Glandular	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Marked
	Cortex	Vacuolization Cytoplasmic	Marked
Brain		Compression	Marked
	Ventricle	Dilatation	Moderate
Clitoral Gland		Cyst	Multiple
		Inflammation	Suppurative, Marked
Note: [CYST] TGLs = 1,2-7			
Kidney	Renal Tubule	Mineralization	Moderate
		Nephropathy	Chronic, Minimal
Lung	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
	Artery	Mineralization	Moderate
Mammary Gland		Adenocarcinoma	
Note: [ADENOCARC] TGLs = 3-12+13			
Nose	Olfactory Epi	Degeneration	Minimal
	Glands	Dilatation	Mild
Pancreas		Atrophy	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Note: OF THE BRAIN AND SECONDARY TO THE PITUITARY TUMOR			
Note: PROBABLE CAUSE OF MORIBUND CONDITION IS COMPRESSION			
Note: [ADENOMA] TGLs = 4-8			
Thymus		Cyst	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7177

TRT#: 4

SEX: Female

DAY ON TEST: 723

DOSE: 5 PPM FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland

Ultimobranchial Cyst

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
 Test Type: CHRONIC
 Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Allyl glycidyl ether
 CAS Number: 106-92-3

Date Report Requested: 10/23/2014
 Time Report Requested: 11:39:26
 First Dose M/F: NA / NA
 Lab: BNW

ANIMAL ID: 7178 TRT#: 4 SEX: Female DAY ON TEST: 642
 DOSE: 5 PPM FEMALE DISP: Moribund HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Heart	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Lymph Node - Bronchial	Lymph Node - Mandibular	Ovary	Pancreas
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Moderate
	Cortex	Hyperplasia	Moderate
	Medulla	Hyperplasia	Minimal
Clitoral Gland		Inflammation	Suppurative, Marked
Intestine Large	Cecum	Parasite Metazoan	Mild
Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Chronic, Mild
Liver		Basophilic Focus	Moderate
Lung	Alveolus	Infiltration Cellular	Histiocyte, Moderate
Mammary Gland		Fibroadenoma	Multiple
Note: [FIBROADENOMA] TGLs = 1,2-11+12			
Nose	Olfactory Epi	Degeneration	Minimal
		Inflammation	Suppurative, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Thyroid Gland	C Cell	Adenoma	
		Ultimobranchial Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7179

TRT#: 4

SEX: Female

DAY ON TEST: 738

DOSE: 5 PPM FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Liver
Lymph Node - Mandibular	Ovary	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

MISSING

Lymph Node - Bronchial	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Moderate
	Cortex	Hyperplasia	Marked
	Cortex	Vacuolization Cytoplasmic	Marked
Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Chronic, Minimal
Lung	Alveolus	Infiltration Cellular	Histiocyte, Moderate
		Inflammation	Granulomatous, Mild
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 1,2-12+13			
Nose	Olfactory Epi Glands	Degeneration	Minimal
	Respirat Epith	Dilatation	Mild
	Respirat Epith	Hyperplasia	Minimal
Pancreas	Acinus	Metaplasia	Squamous, Minimal
Thyroid Gland		Hyperplasia	Moderate
		Ultimobranchial Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7180 **TRT#:** 4 **SEX:** Female **DAY ON TEST:** 738
DOSE: 5 PPM FEMALE **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular
Mammary Gland	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
	Cortex	Hyperplasia	Mild
Clitoral Gland		Inflammation	Suppurative, Marked
Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Chronic, Minimal
Liver	Bile Duct	Hyperplasia	Mild
Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
Nose	Respirat Epith	Adenoma	Papillary
	Olfactory Epi	Degeneration	Minimal
	Glands	Dilatation	Mild
	Respirat Epith	Metaplasia	Squamous, Minimal

Note: FOUND ATTACHMENT OF PAPILLARY ADENOMA TO NOSE

Note: ON STEP SECTION #16.

Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 1-8			
Thyroid Gland		Ultimobranchial Cyst	
Uterus	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7181 **TRT#:** 4 **SEX:** Female **DAY ON TEST:** 738
DOSE: 5 PPM FEMALE **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Liver
Lymph Node - Mandibular	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	

MISSING

Lymph Node - Bronchial

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Moderate
	Medulla	Hyperplasia	Multiple, Moderate
Brain		Compression	Moderate
Clitoral Gland		Cyst	
Heart		Cardiomyopathy	Marked
Kidney	Renal Tubule	Mineralization	Mild
Lung	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
	Artery	Inflammation	Granulomatous, Mild
		Mineralization	Moderate
Note: [INFILTRAT CELL] TGLs = 4-3+11			
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 1-13+14			
Nose	Olfactory Epi	Degeneration	Minimal
	Glands	Dilatation	Moderate
	Respirat Epith	Hyperplasia	Minimal
	Respirat Epith	Metaplasia	Squamous, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 5-8			
Thymus		Cyst	
Thyroid Gland	C Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7181

TRT#: 4

SEX: Female

DAY ON TEST: 738

DOSE: 5 PPM FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus

Endometrium

Hyperplasia

Mild

Endometrium

Metaplasia

Squamous, Mild

Polyp Stromal

Note: [POLYP STROMAL] TGLs = 2-12

Note: [HYPERPLASIA] TGLs = 2-8+12

PRIMARY CAUSE OF DEATH

-

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7182 TRT#: 4 SEX: Female DAY ON TEST: 339
DOSE: 5 PPM FEMALE DISP: Moribund HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Clitoral Gland
Esophagus	Heart	Larynx	Lymph Node - Mandibular
Mammary Gland	Salivary Glands	Skin	Thymus
Trachea			

MISSING

Intestine Large - Cecum	Islets, Pancreatic	Lymph Node - Bronchial	Parathyroid Gland
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AUTO PRECLUDES DIAG.

Bone Marrow	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Kidney	Liver
Ovary	Pancreas	Pituitary Gland	Spleen
Stomach - Forestomach	Stomach - Glandular	Urinary Bladder	

INSUFFICIENT TISSUE

Thyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Liver			
Note: BUT THERE IS A DIFFUSE INFILTRATION OF CELLS THAT Note: DIFFERENTIAL DIAGNOSIS WOULD INCLUDE A LEUKEMIA Note: AN INFLAMMATORY OR HYPERPLASTIC HEMAPOIETIC CELL Note: INFILTRATE. Note: LIVER ARCHITECTURE APPEARS WITHIN NORMAL LIMITS Note: ARE NOT INTERRUPTABLE DUE TO AUTOLYSIS.			
Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
Nose	Olfactory Epi	Degeneration	Minimal
	Respirat Epith	Metaplasia	Squamous, Minimal
Uterus	Endometrium	Metaplasia	Squamous, Mild
		Polyp Stromal	

Note: [POLYP STROMAL] TGLs = 2-11

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7183

TRT#: 4

SEX: Female

DAY ON TEST: 738

DOSE: 5 PPM FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular
Mammary Gland	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Marked
	Medulla	Hyperplasia	Moderate
Kidney		Nephropathy	Chronic, Mild
Liver		Angiectasis	Moderate
	Bile Duct	Hyperplasia	Minimal
Lung		Adenosquamous Carcinoma	
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
		Inflammation	Granulomatous, Mild
	Artery	Mineralization	Moderate
Note: [CARC ADENOSQUA] TGLs = 1-11			
Nose	Olfactory Epi Glands	Degeneration	Mild
	Respirat Epith	Dilatation	Moderate
	Respirat Epith	Hyperplasia	Minimal
	Pars Distalis	Metaplasia	Squamous, Mild
Pituitary Gland	C Cell	Adenoma	
Thyroid Gland		Adenoma	
[Adenoma TGLS = 2-2]			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7184

TRT#: 4

SEX: Female

DAY ON TEST: 396

DOSE: 5 PPM FEMALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Islets, Pancreatic
Larynx	Liver	Lung	Lymph Node - Bronchial
Lymph Node - Mandibular	Mammary Gland	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

MISSING

Intestine Large - Cecum

AUTO PRECLUDES DIAG.

Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Nose	Thyroid Gland	

OBSERVATIONS

Heart		Cardiomyopathy	Moderate
Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Chronic, Mild
Stomach	Forestomach	Squamous Cell Carcinoma	

Note: [SQUAM CEL CARC] TGLs = 3-11

PRIMARY CAUSE OF DEATH

-

Animal Note: SUBTLE LESIONS DIFFICULT.

Animal Note: AUTOLYSIS IN THIS ANIMAL MAKES INTERRUPTION OF

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7185 **TRT#:** 4 **SEX:** Female **DAY ON TEST:** 738
DOSE: 5 PPM FEMALE **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Liver	Lung
Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland	Pancreas
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Marked
Clitoral Gland		Cyst	
Kidney		Nephropathy	Chronic, Mild
Lacrimal Gland		Hyperplasia	Moderate
		Inflammation	Chronic, Mild
		Karyomegaly	Mild
Note: [INFLAMMATION] TGLs = 1-12			
Note: [HYPERPLASIA] TGLs = 1-12			
Nose	Olfactory Epi	Degeneration	Minimal
	Respirat Epith	Hyperplasia	Minimal
	Olfactory Epi	Metaplasia	Mild
	Respirat Epith	Metaplasia	Squamous, Minimal
Ovary		Cyst	
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7186

TRT#: 4

SEX: Female

DAY ON TEST: 547

DOSE: 5 PPM FEMALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Islets, Pancreatic	Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular
Mammary Gland	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

MISSING

Intestine Large - Cecum	Pituitary Gland
-------------------------	-----------------

AUTO PRECLUDES DIAG.

Intestine Small - Jejunum

OBSERVATIONS

Kidney		Nephropathy	Chronic, Mild
Liver		Hematopoietic Cell Proliferation	Moderate
		Necrosis	Moderate
Lung	Alveolus	Infiltration Cellular	Histiocyte, Moderate
	Alveolus	Inflammation	Suppurative, Mild
Note: [INFILTRAT CELL] TGLs = 3-11			
Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Hyperplasia	Minimal
	Respirat Epith	Metaplasia	Squamous, Minimal
Skin		Sarcoma	
Note: [SARCOMA] TGLs = 1-12+13+14			
Note: ADDITIONAL CUTS FROM WET TISSUE SHOW NEOPLASIA			
Note: WITH NECROSIS, INFLAMMATION.			
Spleen		Hematopoietic Cell Proliferation	Marked
Stomach	Forestomach	Acanthosis	Marked
	Forestomach	Perforation	
Note: [PERFORATION] TGLs = 5-8			
Thyroid Gland	C Cell	Adenoma	Multiple

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7186

TRT#: 4

SEX: Female

DAY ON TEST: 547

DOSE: 5 PPM FEMALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7187

TRT#: 4
DOSE: 5 PPM FEMALE

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 738
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Eye	Heart	Intestine Large - Cecum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Liver	Lymph Node - Mandibular	Mammary Gland	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

MISSING

Lymph Node - Bronchial

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Marked
	Medulla	Hyperplasia	Mild
	Cortex	Vacuolization Cytoplasmic	Moderate
Clitoral Gland		Inflammation	Suppurative, Marked
Note: [INFLAMMATION] TGLs = 1-7			
Intestine Large	Colon	Parasite Metazoan	Moderate
	Rectum	Parasite Metazoan	Moderate
Kidney	Pelvis	Mineralization	Moderate
		Nephropathy	Chronic, Minimal
Lung	Alveolus	Infiltration Cellular	Histiocyte, Moderate
Note: [INFILTRAT CELL] TGLs = 3-3+11			
Nose	Olfactory Epi	Degeneration	Minimal
Thyroid Gland	C Cell	Adenoma	Multiple
Uterus	Lumen	Dilatation	Marked
	Lumen	Hemorrhage	Marked
	Endometrium	Hyperplasia	Mild
	Endometrium	Metaplasia	Squamous, Marked
Note: [HEMORRHAGE] TGLs = 2-12+13+14			
Note: [DILATATION] TGLs = 2-12+13+14			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7187

TRT#: 4
DOSE: 5 PPM FEMALE

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 738
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7188

TRT#: 4

SEX: Female

DAY ON TEST: 738

DOSE: 5 PPM FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Liver	Lymph Node - Bronchial
Lymph Node - Mandibular	Mammary Gland	Ovary	Pancreas
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
	Medulla	Hyperplasia	Multiple, Moderate
Kidney		Nephropathy	Chronic, Mild
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Note: [INFILTRAT CELL] TGLs = 1-11			
Nose	Olfactory Epi	Degeneration	Minimal
	Glands	Dilatation	Moderate
	Respirat Epith	Metaplasia	Squamous, Minimal
Thyroid Gland	C Cell	Adenoma	
Uterus	Endometrium	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
 Test Type: CHRONIC
 Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Allyl glycidyl ether
 CAS Number: 106-92-3

Date Report Requested: 10/23/2014
 Time Report Requested: 11:39:26
 First Dose M/F: NA / NA
 Lab: BNW

ANIMAL ID: 7189 TRT#: 4 SEX: Female DAY ON TEST: 738
 DOSE: 5 PPM FEMALE DISP: Terminal Sacrifice HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Liver	Lymph Node - Bronchial
Lymph Node - Mandibular	Mammary Gland	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

MISSING

Pituitary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Marked
	Medulla	Hyperplasia	Moderate
	Cortex	Vacuolization Cytoplasmic	Moderate
Note: [ANGIECTASIS] TGLs = 2-5			
Kidney	Pelvis	Mineralization	Moderate
		Nephropathy	Chronic, Mild
Lung	Alveolus	Infiltration Cellular	Histiocyte, Moderate
Note: [INFILTRAT CELL] TGLs = 2-3+11			
Nose	Olfactory Epi Glands	Degeneration	Minimal
	Respirat Epith	Dilatation	Mild
	Respirat Epith	Hyperplasia	Minimal
		Metaplasia	Squamous, Minimal
Thyroid Gland		Ultimobranchial Cyst	
Uterus	Endometrium	Hyperplasia	Mild
		Polyp Stromal	
Note: [POLYP STROMAL] TGLs = 1-8			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7190

TRT#: 4

SEX: Female

DAY ON TEST: 738

DOSE: 5 PPM FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular
Mammary Gland	Ovary	Pancreas	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

MISSING

Parathyroid Gland

OBSERVATIONS

Clitoral Gland		Inflammation	Suppurative, Marked
Note: [INFLAMMATION] TGLs = 4-7			
Intestine Large	Rectum	Parasite Metazoan	Mild
Kidney	Pelvis	Mineralization	Mild
		Nephropathy	Chronic, Mild
Liver		Angiectasis	Mild
Note: [ANGIECTASIS] TGLs = 2-4			
Note: RECUTS OF SLIDES 4 AND 12 FROM WET TISSUE: NO			
Note: MORE LESIONS.			
Lung	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
	Alveolus	Inflammation	Suppurative, Minimal
	Artery	Mineralization	Moderate
Nose	Olfactory Epi	Degeneration	Minimal
	Glands	Dilatation	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 1-8			
Thyroid Gland		Ultimobranchial Cyst	
Uterus	Endometrium	Hyperplasia	Moderate
		Polyp Stromal	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7190

TRT#: 4

SEX: Female

DAY ON TEST: 738

DOSE: 5 PPM FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [POLYP STROMAL] TGLs = 3-8

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7191

TRT#: 4
DOSE: 5 PPM FEMALE

SEX: Female
DISP: Moribund

DAY ON TEST: 569
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Liver	Lymph Node - Bronchial
Lymph Node - Mandibular	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Intestine Large - Cecum

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Moderate
Kidney		Nephropathy	Chronic, Minimal
Lung	Alveolus	Infiltration Cellular	Histiocyte, Moderate
	Artery	Mineralization	Moderate
[Mineralization TGLS = 4-3+11]			
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 1-12			
Nose	Olfactory Epi Glands	Degeneration	Mild
	Respirat Epith	Dilatation	Moderate
	Respirat Epith	Hyperplasia	Minimal
		Metaplasia	Squamous, Minimal
Ovary		Cyst	
Note: [CYST] TGLs = 3-7			
Pituitary Gland	Pars Distalis	Adenoma	
Uterus	Lumen	Dilatation	Marked
	Endometrium	Hyperplasia	Mild
Note: [DILATATION] TGLs = 2-8			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7192

TRT#: 4

SEX: Female

DAY ON TEST: 738

DOSE: 5 PPM FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Marked
Clitoral Gland		Cyst	
Note: [CYST] TGLs = 7-7			
Islets, Pancreatic		Carcinoma	
Note: [CARCINOMA] TGLs = 6-13			
Kidney		Nephropathy	Chronic, Mild
Liver		Adenoma	
Note: [ADENOMA] TGLs = 4-12			
Lung	Alveolus	Infiltration Cellular	Histiocyte, Moderate
	Artery	Mineralization	Moderate
Note: [INFILTRAT CELL] TGLs = 5-11			
Mammary Gland		Fibroadenoma	
		Inflammation	Suppurative, Mild
Note: [FIBROADENOMA] TGLs = 1-16+17+18			
Nose	Olfactory Epi	Degeneration	Minimal
	Glands	Dilatation	Mild
	Respirat Epith	Metaplasia	Squamous, Minimal
Ovary		Cyst	
		Inflammation	Suppurative, Moderate
Note: [CYST] TGLs = 2-15			
Thyroid Gland	C Cell	Adenoma	
Uterus	Endometrium	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7192

TRT#: 4

SEX: Female

DAY ON TEST: 738

DOSE: 5 PPM FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Wall

Necrosis

Marked

Note: THIS LESION IS FAT NECROSIS IN THE BROAD LIGAMENT

Note: [NECROSIS] TGLs = 3-14

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7193 TRT#: 4 SEX: Female DAY ON TEST: 471
DOSE: 5 PPM FEMALE DISP: Moribund HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Liver	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

MISSING

Intestine Large - Cecum	Lymph Node - Bronchial	Lymph Node - Mandibular
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OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Marked
Clitoral Gland		Cyst	
		Inflammation	Suppurative, Marked
Kidney	Pelvis	Mineralization	Moderate
Lung	Alveolus	Infiltration Cellular	Histiocyte, Moderate
Note: [INFILTRAT CELL] TGLs = 4-11			
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 1,2-12+13			
Nose	Olfactory Epi	Degeneration	Mild
	Olfactory Epi	Metaplasia	Squamous, Minimal
	Respirat Epith	Metaplasia	Squamous, Minimal
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7194 **TRT#:** 4 **SEX:** Female **DAY ON TEST:** 738
DOSE: 5 PPM FEMALE **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Liver	Lymph Node - Bronchial	Lymph Node - Mandibular
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

MISSING

Clitoral Gland

OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
	Cortex	Angiectasis	Marked
Note: [ANGIECTASIS] TGLs = 4-5			
Intestine Large	Cecum	Parasite Metazoan	Mild
Kidney	Pelvis	Mineralization	Moderate
		Nephropathy	Chronic, Mild
Lung	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
Note: LUNGS IN THIS RAT ALSO HAVE ALVEOLAR PROTEINOSIS.			
Note: [INFILTRAT CELL] TGLs = 5-3+11			
Mammary Gland		Fibroadenoma	Multiple
Note: [FIBROADENOMA] TGLs = 1,6,7,8,10-12+13+14+15+16+17+18			
Nose	Respirat Epith	Metaplasia	Squamous, Minimal
Ovary		Cyst	
Note: [CYST] TGLs = 2-7			
Pituitary Gland	Pars Distalis	Cyst	
Note: [CYST] TGLs = 9-8			
Thyroid Gland	C Cell	Hyperplasia	Marked
Uterus	Endometrium	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7194

TRT#: 4
DOSE: 5 PPM FEMALE

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 738
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7195

TRT#: 4

SEX: Female

DAY ON TEST: 579

DOSE: 5 PPM FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Liver	Lymph Node - Bronchial
Lymph Node - Mandibular	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

MISSING

Intestine Large - Cecum

OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	Multiple
	Cortex	Angiectasis	Moderate
Kidney	Renal Tubule	Mineralization	Mild
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 1-11			
Nose	Olfactory Epi Glands	Degeneration Dilatation	Mild Mild
Thyroid Gland	C Cell	Hyperplasia	Marked
Uterus	Endometrium	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
 Test Type: CHRONIC
 Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Allyl glycidyl ether
 CAS Number: 106-92-3

Date Report Requested: 10/23/2014
 Time Report Requested: 11:39:26
 First Dose M/F: NA / NA
 Lab: BNW

ANIMAL ID: 7196 TRT#: 4 SEX: Female DAY ON TEST: 738
 DOSE: 5 PPM FEMALE DISP: Terminal Sacrifice HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Liver	Lymph Node - Bronchial	Lymph Node - Mandibular
Mammary Gland	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Marked
	Medulla	Hyperplasia	Mild
Note: [ANGIECTASIS] TGLs = 1-5			
Clitoral Gland		Cyst	
Kidney	Pelvis	Mineralization	Minimal
		Nephropathy	Chronic, Mild
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Nose	Olfactory Epi Glands	Degeneration	Mild
		Dilatation	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Thyroid Gland	C Cell	Adenoma	Multiple
Note: [ADENOMA] TGLs = 2-2			
Uterus	Lumen	Hemorrhage	Moderate
	Endometrium	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7197

TRT#: 4

SEX: Female

DAY ON TEST: 738

DOSE: 5 PPM FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Liver	Lymph Node - Bronchial	Lymph Node - Mandibular	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Spleen	Stomach - Forestomach	Stomach - Glandular	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Moderate
Clitoral Gland		Inflammation	Suppurative, Marked
Heart		Cardiomyopathy	Mild
Intestine Large	Cecum	Hemorrhage	Moderate
Note: HEMORRHAGE TO THE CECUM WALL ARE PARTLY RELATED Note: TO THE INJECTION OF THE ANESTHETIC. Note: [HEMORRHAGE] TGLs = 4-6			
Kidney	Pelvis	Mineralization	Minimal
Lung	Alveolus	Infiltration Cellular	Histiocyte, Moderate
Note: [INFILTRAT CELL] TGLs = 3-3+11			
Mammary Gland		Fibroadenoma	
Nose	Olfactory Epi Glands	Degeneration	Minimal
		Dilatation	Moderate
Skin		Fibroma	
Note: [FIBROMA] TGLs = 1-13+14+15+16			
Thymus		Cyst	
Thyroid Gland		Ultimobranchial Cyst	
Uterus	Lumen	Dilatation	Marked
Note: [DILATATION] TGLs = 2-8+12			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7198	TRT#: 4	SEX: Female	DAY ON TEST: 738
	DOSE: 5 PPM FEMALE	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Liver	Lymph Node - Mandibular
Mammary Gland	Ovary	Pancreas	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

MISSING

Lymph Node - Bronchial	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Marked
Kidney		Nephropathy	Chronic, Minimal
Larynx		Inflammation	Suppurative, Minimal
Lung	Alveolus	Infiltration Cellular	Histiocyte, Moderate
Note: [INFILTRAT CELL] TGLs = 1-3+11			
Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Metaplasia	Squamous, Minimal
Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
 Test Type: CHRONIC
 Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Allyl glycidyl ether
 CAS Number: 106-92-3

Date Report Requested: 10/23/2014
 Time Report Requested: 11:39:26
 First Dose M/F: NA / NA
 Lab: BNW

ANIMAL ID: 7199 TRT#: 4 SEX: Female DAY ON TEST: 659
 DOSE: 5 PPM FEMALE DISP: Moribund HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Liver	Lymph Node - Bronchial	Ovary
Pancreas	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

MISSING

Intestine Large - Cecum	Lymph Node - Mandibular	Parathyroid Gland	Salivary Glands
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OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
	Cortex	Necrosis	Moderate
Intestine Large	Colon	Inflammation	Suppurative, Marked
	Colon	Necrosis	Marked
	Colon	Ulcer	Marked
Kidney	Pelvis	Hyperplasia	Moderate
	Pelvis	Mineralization	Mild
		Nephropathy	Chronic, Minimal
Lung	Alveolus	Infiltration Cellular	Histiocyte, Moderate
Mammary Gland		Adenocarcinoma	
Note: [ADENOCARC] TGLs = 1-12			
Nose	Olfactory Epi Glands	Degeneration	Mild
		Dilatation	Mild
		Inflammation	Suppurative, Moderate
	Olfactory Epi	Metaplasia	Squamous, Minimal
	Respirat Epith	Metaplasia	Squamous, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 3-8			
Skin		Inflammation	Suppurative, Marked
Note: [INFLAMMATION] TGLs = 1-12			
Thyroid Gland	C Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7199

TRT#: 4
DOSE: 5 PPM FEMALE

SEX: Female
DISP: Moribund

DAY ON TEST: 659
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7200

TRT#: 4

SEX: Female

DAY ON TEST: 738

DOSE: 5 PPM FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Liver	Lymph Node - Bronchial
Lymph Node - Mandibular	Mammary Gland	Ovary	Pancreas
Salivary Glands	Skin	Spleen	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
	Cortex	Hyperplasia	Marked
	Medulla	Hyperplasia	Minimal
Kidney	Pelvis	Mineralization	Moderate
Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
Nose	Olfactory Epi Glands	Degeneration Dilatation	Mild Mild
	Respirat Epith	Metaplasia	Squamous, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Stomach	Forestomach	Acanthosis	Moderate
Uterus	Lumen	Dilatation	Marked
	Endometrium	Hyperplasia	Minimal
	Endometrium	Metaplasia	Squamous, Marked

Note: [ACANTHOSIS] TGLs = 1-8

Note: [METAPL] TGLs = 2-12

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
 Test Type: CHRONIC
 Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Allyl glycidyl ether
 CAS Number: 106-92-3

Date Report Requested: 10/23/2014
 Time Report Requested: 11:39:26
 First Dose M/F: NA / NA
 Lab: BNW

ANIMAL ID: 8151 TRT#: 6 SEX: Female DAY ON TEST: 281
 DOSE: 10 PPM FEMALE DISP: Dead HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Esophagus
Heart	Islets, Pancreatic	Larynx	Mammary Gland
Pancreas	Pituitary Gland	Salivary Glands	Stomach - Forestomach
Thymus	Trachea		

MISSING

Intestine Large - Cecum	Parathyroid Gland	Thyroid Gland
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AUTO PRECLUDES DIAG.

Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Stomach - Glandular	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Moderate
Bone Marrow		Lymphoma Malignant	
Kidney		Lymphoma Malignant	
		Nephropathy	Chronic, Mild
Liver		Lymphoma Malignant	
Lung		Lymphoma Malignant	
Note: [LYMPH MAL] TGLs = 1-3			
Lymph Node	Bronchial	Lymphoma Malignant	
	Mandibular	Lymphoma Malignant	
Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Squamous, Mild
	Respirat Epith	Metaplasia	Squamous, Moderate
Ovary		Lymphoma Malignant	
Skin		Lymphoma Malignant	
Note: [LYMPH MAL] TGLs = 5-11			
Spleen		Lymphoma Malignant	
Uterus		Inflammation	Suppurative, Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8151

TRT#: 6

SEX: Female

DAY ON TEST: 281

DOSE: 10 PPM FEMALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: 82

Animal Note: THIS ANIMAL.

Animal Note: THERE IS ALOT OF AUTOLYSIS IN THE TISSUE OF

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8152 **TRT#:** 6 **SEX:** Female **DAY ON TEST:** 739
DOSE: 10 PPM FEMALE **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Liver	Lymph Node - Bronchial	Lymph Node - Mandibular
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Moderate
Clitoral Gland		Cyst	
Note: [CYST] TGLs = 1-7			
Heart		Cardiomyopathy	Mild
Kidney	Pelvis	Mineralization	Mild
		Nephropathy	Chronic, Minimal
Lung	Artery	Mineralization	Moderate
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 2-11+12			
Nose	Olfactory Epi	Degeneration	Moderate
		Inflammation	Suppurative, Minimal
	Olfactory Epi	Metaplasia	Mild
	Olfactory Epi	Metaplasia	Squamous, Mild
	Respirat Epith	Metaplasia	Squamous, Mild

Note: SECTION #2.

Note: OLFATORY DEGENERATION AND SQUAMOUS METAPLASIA IS ON

Note: THE TURBINATES AND ADJACENT LATERAL WALL AND THE

Note: THE SQUAMOUS METAPLASIA RESPIRATORY EPITHELIUM IS ON

Pituitary Gland	Pars Distalis	Adenoma
Note: [ADENOMA] TGLs = 3-8		
Thyroid Gland	C Cell	Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8153

TRT#: 6

SEX: Female

DAY ON TEST: 739

DOSE: 10 PPM FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Liver	Lymph Node - Bronchial
Lymph Node - Mandibular	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
	Cortex	Hyperplasia	Moderate
Clitoral Gland		Inflammation	Suppurative, Marked
Note: [INFLAMMATION] TGLs = 1-7			
Kidney	Pelvis	Hyperplasia	Mild
	Renal Tubule	Mineralization	Mild
		Nephropathy	Chronic, Mild
Lung		Inflammation	Granulomatous, Moderate
	Artery	Mineralization	Marked
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 2-11+12			
Nose	Olfactory Epi	Degeneration	Mild
	Glands	Dilatation	Mild
	Olfactory Epi	Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8154

TRT#: 6

SEX: Female

DAY ON TEST: 739

DOSE: 10 PPM FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Clitoral Gland
Esophagus	Heart	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Lymph Node - Mandibular	Parathyroid Gland	Salivary Glands	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

MISSING

Lymph Node - Bronchial

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	Multiple
Note: [PHEOCHROM BGN] TGLs = 7-5			
Brain		Gliosis	Mild
Intestine Large	Cecum	Parasite Metazoan	Mild
	Colon	Parasite Metazoan	Mild
Kidney	Pelvis	Mineralization	Moderate
	Renal Tubule	Mineralization	Moderate
		Nephropathy	Chronic, Moderate
Note: THERE IS A SECTION THROUGH A VERY DEGENERATED			
Note: GLOMERULUS WHICH MIGHT BE MISTAKEN FOR A METAZOAN			
Note: PARASITE BY THE OVER ENTHUSIASTIC PARASITOLOGIST			
Liver		Hematopoietic Cell Proliferation	Mild
Lung	Pleura	Inflammation	Chronic, Marked
	Artery	Mineralization	Moderate
Note: [INFLAMMATION] TGLs = 8-3+15			
Mammary Gland		Adenocarcinoma	
Note: [ADENOCARC] TGLs = 1-12			
Nose	Olfactory Epi	Degeneration	Moderate
	Glands	Dilatation	Moderate
	Respirat Epith	Hyperplasia	Minimal
	Olfactory Epi	Metaplasia	Squamous, Minimal
	Respirat Epith	Metaplasia	Squamous, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8154	TRT#: 6	SEX: Female	DAY ON TEST: 739
	DOSE: 10 PPM FEMALE	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: THE NOSE SECTION #2 WOULD BE A GOOD SUBJECT FOR
Note: PHOTOGRAPHY.

Ovary		Cyst Squamous Cell Carcinoma	Metastatic (Uterus)
Note: [CYST] TGLs = 6-7 Note: [SQUAM CEL CARC] TGLs = 5-14			
Pancreas		Inflammation	Chronic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Skin		Cyst Epithelial Inclusion	
Note: [CYST EPITH INC] TGLs = 2-13			
Spleen		Cyst Hematopoietic Cell Proliferation	Moderate
Note: [CYST] TGLs = 3-11			
Thyroid Gland	Follicular Cel	Hyperplasia	Mild
Uterus	Endometrium	Metaplasia Squamous Cell Carcinoma	Squamous, Marked
Note: [SQUAM CEL CARC] TGLs = 4-8+14			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8155

TRT#: 6

SEX: Female

DAY ON TEST: 570

DOSE: 10 PPM FEMALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

MISSING

Intestine Large - Cecum

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
Brain			
Note: THERE IS A SMALL PIECE OF PITUITARY CARCINOMA			
Note: AS AN ADHESION OF THE TUMOR RATHER THAN AN ENVASION			
Note: ATTACHED TO THE MENINGES. I AM INTERRUPTING THIS			
Kidney		Nephropathy	Chronic, Mild
Liver	Bile Duct	Hyperplasia	Minimal
Lung	Alveolus	Infiltration Cellular	Histiocyte, Moderate
Mammary Gland		Adenocarcinoma	
Note: [ADENOCARC] TGLs = 1-11			
Nose	Olfactory Epi	Degeneration	Moderate
		Inflammation	Suppurative, Mild
	Olfactory Epi	Metaplasia	Squamous, Minimal
	Respirat Epith	Metaplasia	Squamous, Minimal
Pituitary Gland	Pars Distalis	Carcinoma	
Note: [CARCINOMA] TGLs = 2-8			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8156

TRT#: 6

SEX: Female

DAY ON TEST: 705

DOSE: 10 PPM FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Liver	Lymph Node - Mandibular
Mammary Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Trachea	Urinary Bladder

MISSING

Parathyroid Gland	Thymus
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OBSERVATIONS

Adrenal Gland Note: [ANGIECTASIS] TGLs = 4-5	Cortex	Angiectasis	Moderate
Clitoral Gland		Cyst	
Kidney Note: [NEPHROPATHY] TGLs = 3-5		Nephropathy	Chronic, Moderate
Lacrimal Gland Note: [INFLAMMATION] TGLs = 6-11		Inflammation Karyomegaly	Chronic, Mild Moderate
Lung Note: [INFILTRAT CELL] TGLs = 5-3	Alveolus Alveolar Epith Bronchiole Alveolus	Fibrosis Hyperplasia Hyperplasia Infiltration Cellular	Minimal Minimal Mild Histiocyte, Moderate
Lymph Node	Bronchial	Fibrosis	Moderate
Nose	Olfactory Epi Olfactory Epi Respirat Epith	Degeneration Inflammation Metaplasia Metaplasia Cyst	Moderate Suppurative, Mild Squamous, Mild Squamous, Minimal
Ovary Note: [CYST] TGLs = 1-7			
Pancreas	Artery	Inflammation	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8156	TRT#: 6 DOSE: 10 PPM FEMALE	SEX: Female DISP: Moribund	DAY ON TEST: 705 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
Stomach	Glandular Glandular Glandular	Erosion Inflammation Mineralization	Marked Suppurative, Moderate Marked
Note: [EROSION] TGLs = 7-8			
Thyroid Gland		Ultimobranchial Cyst	
Uterus	Endometrium	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8157

TRT#: 6

SEX: Female

DAY ON TEST: 739

DOSE: 10 PPM FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Islets, Pancreatic	Larynx	Liver	Lymph Node - Bronchial
Lymph Node - Mandibular	Mammary Gland	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

INSUFFICIENT TISSUE

Intestine Small - Jejunum

OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
	Cortex	Angiectasis	Moderate
Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Chronic, Mild
Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
Note: [INFILTRAT CELL] TGLs = 1-3			
Nose	Olfactory Epi Glands	Degeneration	Moderate
	Olfactory Epi	Dilatation	Moderate
	Respirat Epith	Metaplasia	Squamous, Mild
Pituitary Gland	Pars Distalis	Metaplasia	Squamous, Minimal
Uterus	Endometrium	Adenoma	
	Endometrium	Hyperplasia	Mild
		Metaplasia	Squamous, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
 Test Type: CHRONIC
 Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Allyl glycidyl ether
 CAS Number: 106-92-3

Date Report Requested: 10/23/2014
 Time Report Requested: 11:39:26
 First Dose M/F: NA / NA
 Lab: BNW

ANIMAL ID: 8158 TRT#: 6 SEX: Female DAY ON TEST: 652
 DOSE: 10 PPM FEMALE DISP: Moribund HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Lymph Node - Mandibular	Mammary Gland	Salivary Glands
Skin	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Mild
Heart		Adenocarcinoma	Metastatic (Uterus)
Intestine Large	Cecum	Granuloma	Moderate
Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Chronic, Minimal
Liver	Bile Duct	Hyperplasia	Mild
		Inflammation	Suppurative, Mild
Lung		Adenocarcinoma	Metastatic (Uterus)
Note: [ADENOCARC] TGLs = 6-3			
Lymph Node	Bronchial	Adenocarcinoma	Metastatic (Uterus)
Note: UTERUS ADENOCARC METASTASIS TO RENAL LN.			
Mesentery		Adenocarcinoma	Metastatic (Uterus)
Note: [ADENOCARC] TGLs = 4-14+15			
Nose	Olfactory Epi	Degeneration	Marked
	Respirat Epith	Dysplasia	Marked
	Respirat Epith	Hyperplasia	Marked
	Olfactory Epi	Metaplasia	Squamous, Moderate
	Respirat Epith	Metaplasia	Squamous, Marked
Ovary		Adenocarcinoma	Metastatic (Uterus)
[Adenocarcinoma TGLS = 1-11]			
Pancreas		Adenocarcinoma	Metastatic (Uterus)

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8158

TRT#: 6

SEX: Female

DAY ON TEST: 652

DOSE: 10 PPM FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: MY OPINION, BASED ON THE SLIDES AVAILABLE, THAT
Note: CONSIDERED AS A DIFFERENTIAL DIAGNOSIS FOR THE
Note: THE LESIONS IN THE PANCREAS AND THE MESENTERY
Note: REPRESENT METASTATIC UTERINE CARCINOMA.
Note: [ADENOCARC] TGLs = 2-13
Note: CONTINUED FROM ORGAN NOTE| AREAS OF TUMOR IN
Note: PANCREAS ARE SOLID SHEETS OF CELLS ARE SUGGESTIVE
Note: OF A SECOND PRIMARY TUMOR SUCH AS A PRIMARY
Note: PRIMARY PANCREATIC CARCINOMA. THIS SHOULD BE
Note: THE LESIONS IN THE MESENTERY. HOWEVER, IT IS IN
Note: LESION IN THE PANCREAS ON SLIDE 13 AND ALSO FOR

Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Skeletal Muscle	Diaphragm	Adenocarcinoma	Metastatic (Uterus)
Note: [ADENOCARC] TGLs = 9-16			
Spleen		Adenocarcinoma	Metastatic (Uterus)
Stomach	Forestomach	Acanthosis	Marked
	Forestomach	Hyperkeratosis	Marked
	Forestomach	Squamous Cell Papilloma	
Note: [PAPILLOMA SQUA] TGLs = 3-12			
Thymus		Adenocarcinoma	Metastatic (Uterus)
Uterus		Adenocarcinoma	
[Adenocarcinoma TGLS = 1-11]			

PRIMARY CAUSE OF DEATH

-

Animal Note: FIBROUS STROMA WHICH IN SEVERAL AREAS HAS
Animal Note: PRIMARY METASTATIC TUMOR THERE IS A PROMINENT
Animal Note: DIFFERENTIAL DIAGNOSIS OF A MIXED TUMOR OF THE
Animal Note: UTERUS OR A TERATOCARCINOMA OF THE OVARY. THERE
Animal Note: ARE CERTAIN AREAS OF THIS TUMOR THAT ARE SOLID
Animal Note: CHARACTERIZED HISTOLOGICALLY BY PLEOMORPHIC CELL
Animal Note: DISTINCT HYALINE CARTILAGE, WHICH SUGGESTS A
Animal Note: POPULATION FORMING DISTINCT ACINI PAPILLI AND

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8158

TRT#: 6

SEX: Female

DAY ON TEST: 652

DOSE: 10 PPM FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Animal Note: SOLID SHEETS OF CELLS. IN MOST AREAS OF THE
Animal Note: SHEETS OF CELLS AND ARE SUGGESTIVE OF ANOTHER
Animal Note: PRIMARY TUMOR. THESE ARE LOCATED IN THE PANCREAS
Animal Note: UNDERGONE CARTILAGINOUS METAPLASIA, FORMING
Animal Note: AS SEEN ON SLIDE 13 AND ALSO IN THE MESENTERY.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8159	TRT#: 6	SEX: Female	DAY ON TEST: 31
	DOSE: 10 PPM FEMALE	DISP: Dead	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Islets, Pancreatic
Larynx	Lung	Lymph Node - Bronchial	Lymph Node - Mandibular
Mammary Gland	Ovary	Pancreas	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Thymus
Thyroid Gland	Trachea	Uterus	

MISSING

Clitoral Gland	Intestine Large - Cecum	Parathyroid Gland	Pituitary Gland
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AUTO PRECLUDES DIAG.

Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Nose	Stomach - Glandular	Urinary Bladder

OBSERVATIONS

Heart			
Note: TISSUES DIFFICULT.			
Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Chronic, Mild
Liver		Necrosis	Marked

PRIMARY CAUSE OF DEATH

-

Animal Note: EXTENSIVE AUTOLYSIS MAKES INTERRUPTION OF MANY
Animal Note: TISSUES DIFFICULT IN THIS ANIMAL.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8160 **TRT#:** 6 **SEX:** Female **DAY ON TEST:** 578
DOSE: 10 PPM FEMALE **DISP:** Dead **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Clitoral Gland
Esophagus	Intestine Large - Colon	Lymph Node - Mandibular	Mammary Gland
Pituitary Gland	Salivary Glands	Skin	Thymus

MISSING

Intestine Large - Cecum	Islets, Pancreatic	Parathyroid Gland
-------------------------	--------------------	-------------------

AUTO PRECLUDES DIAG.

Bone Marrow	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Larynx	Nose	Thyroid Gland
Trachea			

OBSERVATIONS

Adrenal Gland	Cortex	Adenocarcinoma	Metastatic (Uterus)
Heart		Cardiomyopathy	Mild
Kidney		Adenocarcinoma	Metastatic (Uterus)
		Nephropathy	Chronic, Minimal
Liver		Adenocarcinoma	Metastatic (Uterus)
Note: [ADENOCARC] TGLs = 4-4			
Lung		Adenocarcinoma	Metastatic (Uterus)
Note: [ADENOCARC] TGLs = 3-3			
Lymph Node	Bronchial	Adenocarcinoma	Metastatic (Uterus)
Note: UTERINE ADENOCARC METASTATIC TO MEDIASTINAL AND			
Note: MESENTERIC LYMPH NODE.			
Mesentery		Adenocarcinoma	Metastatic (Uterus)
Ovary		Adenocarcinoma	Metastatic (Uterus)
Pancreas		Adenocarcinoma	Metastatic (Uterus)
Skeletal Muscle	Diaphragm	Adenocarcinoma	Metastatic (Uterus)
Spleen		Adenocarcinoma	Metastatic (Uterus)
Stomach	Forestomach, Glandular	Adenocarcinoma	Metastatic (Uterus)
Urinary Bladder		Adenocarcinoma	Metastatic (Uterus)
Uterus		Adenocarcinoma	Metastatic (Uterus)
Note: [ADENOCARC] TGLs = 1,2,5-7+8+11+12+13+14			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8160

TRT#: 6

SEX: Female

DAY ON TEST: 578

DOSE: 10 PPM FEMALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

Animal Note: WITH ABUNDANT FIBROUS STROMA AND THE APPEARANCE

Animal Note: ALOT OF AUTOLYSIS IN THIS ANIMAL WHICH MAKES

Animal Note: THE OVARY, PANCREAS AND OR BILE DUCT. THERE IS

Animal Note: DIAGNOSIS DIFFICULT.

Animal Note: THE MORPHOLOGY IN THE APLASTIC CELLS FORMING ACINI

Animal Note: OF A PRIMARY TUMOR IN THE UTERUS ON SLIDE 7.

Animal Note: DIFFERENTIAL DIAGNOSIS WOULD INCLUDE ADENOCARC OF

Animal Note: DIAGNOSIS OF ADENOCARC OF THE UTERUS IS BASED ON

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8161

TRT#: 6

SEX: Female

DAY ON TEST: 739

DOSE: 10 PPM FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Liver	Lymph Node - Bronchial
Lymph Node - Mandibular	Mammary Gland	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Moderate
Clitoral Gland		Inflammation	Suppurative, Marked
Note: [INFLAMMATION] TGLs = 1-7			
Kidney		Nephropathy	Chronic, Moderate
Lung		Foreign Body	Moderate
		Inflammation	Granulomatous, Marked
	Artery	Mineralization	Moderate
Nose	Olfactory Epi	Degeneration	Moderate
	Glands	Dilatation	Mild
		Inflammation	Suppurative, Mild
	Olfactory Epi	Metaplasia	Squamous, Mild
	Olfactory Epi	Metaplasia	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:26
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8162

TRT#: 6

SEX: Female

DAY ON TEST: 739

DOSE: 10 PPM FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Liver	Lymph Node - Bronchial	Lymph Node - Mandibular
Mammary Gland	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

INSUFFICIENT TISSUE

Stomach - Forestomach

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Moderate
	Medulla	Hyperplasia	Moderate
	Medulla	Pheochromocytoma Benign	
Clitoral Gland		Cyst	
Note: [CYST] TGLs = 3-7			
Kidney		Nephropathy	Chronic, Moderate
Lung	Artery	Mineralization	Marked
Nose	Olfactory Epi	Degeneration	Mild
	Glands	Dilatation	Mild
Ovary		Cyst	
Note: [CYST] TGLs = 1-7			
Pituitary Gland	Pars Distalis	Adenoma	
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8163

TRT#: 6

SEX: Female

DAY ON TEST: 739

DOSE: 10 PPM FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Liver	Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Lung	Alveolus	Infiltration Cellular	Histiocyte, Moderate
Note: [INFILTRAT CELL] TGLs = 3-3			
Nose	Olfactory Epi Glands	Degeneration	Mild
		Dilatation	Mild
		Inflammation	Suppurative, Mild
Ovary		Granulosa Cell Tumor Malignant	
Note: [GRANLSA TM MAL] TGLs = 1-11			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8164

TRT#: 6

SEX: Female

DAY ON TEST: 739

DOSE: 10 PPM FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Lymph Node - Mandibular	Mammary Gland	Pancreas
Parathyroid Gland	Spleen	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

MISSING

Lymph Node - Bronchial

OBSERVATIONS

Adrenal Gland	Cortex Medulla	Hyperplasia Pheochromocytoma Benign	Moderate
Clitoral Gland		Inflammation	Suppurative, Moderate
Kidney	Pelvis	Cyst Mineralization Nephropathy	Moderate Chronic, Minimal
Note: [CYST] TGLs = 3-5+15 Liver		Angiectasis Cyst	Minimal
Note: [CYST] TGLs = 1,2-11+12 Note: [ANGIECTASIS] TGLs = 5-13 Lung	Alveolar Epith Alveolus	Hyperplasia Infiltration Cellular	Mild Histiocyte, Moderate
Note: [INFILTRAT CELL] TGLs = 6-14 Nose	Olfactory Epi Glands	Degeneration Dilatation Cyst	Mild Mild
Ovary Note: [CYST] TGLs = 7-7 Pituitary Gland Note: [ADENOMA] TGLs = 4-8 Salivary Glands	Pars Distalis	Adenoma Karyomegaly	 Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8164

TRT#: 6
DOSE: 10 PPM FEMALE

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 739
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Stomach	Forestomach	Acanthosis	Moderate
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PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8165

TRT#: 6

SEX: Female

DAY ON TEST: 409

DOSE: 10 PPM FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Liver	Lung
Lymph Node - Bronchial	Lymph Node - Mandibular	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Intestine Large - Cecum

OBSERVATIONS

Clitoral Gland		Cyst	
Note: [CYST] TGLs = 2-7			
Kidney	Pelvis	Mineralization	Mild
		Nephropathy	Chronic, Minimal
		Fibroadenoma	
Mammary Gland			
Note: [FIBROADENOMA] TGLs = 1-11+12+13			
Nose	Olfactory Epi	Degeneration	Moderate
	Glands	Dilatation	Mild
	Respirat Epith	Hyperplasia	Mild
	Olfactory Epi	Metaplasia	Squamous, Mild
	Respirat Epith	Metaplasia	Squamous, Mild
Note: MEDIAN SEPTUM, AND ON THE MEDIAN SEPTUM.			
Note: ASPECT OF THE EPITHELIUM JUST ADJACENT TO THE			
Note: AS WELL AS XS 2 AND ARE LOCATED IN THE DORSAL			
Note: THE OLFACTORY EPITHELIAL CHANGES PRESENT IN XS 3			
Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8166

TRT#: 6

SEX: Female

DAY ON TEST: 667

DOSE: 10 PPM FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Liver	Lymph Node - Bronchial
Lymph Node - Mandibular	Mammary Gland	Ovary	Pancreas
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Atrophy	Marked
Clitoral Gland		Cyst	
		Inflammation	Suppurative, Moderate
Note: [INFLAMMATION] TGLs = 1-7			
Note: [CYST] TGLs = 1-7			
Kidney	Pelvis	Mineralization	Marked
		Nephropathy	Chronic, Minimal
Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
Nose	Olfactory Epi	Degeneration	Mild
Pituitary Gland		Hemorrhage	Moderate
Note: IN THE PITUITARY IS SOME OLD HEMORRHAGE. THERE			
Note: SECONDARY TO HEMORRHAGE. THE ONLY NOTABLE LESION			
Note: IT IS POSSIBLE THAT THE PITUITARY IS ATROPHIED			
Note: IS ONLY A SMALL AMOUNT OF TISSUE HERE.			
Spinal Cord	White Matter	Degeneration	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8167

TRT#: 6

SEX: Female

DAY ON TEST: 739

DOSE: 10 PPM FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Liver
Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

OBSERVATIONS

Clitoral Gland		Inflammation	Suppurative, Moderate
Kidney	Pelvis	Mineralization	Mild
		Nephropathy	Chronic, Minimal
Lung	Alveolar Epith	Hyperplasia	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Artery	Mineralization	Moderate
Note: [INFILTRAT CELL] TGLs = 1-3			
Nose	Olfactory Epi Glands	Degeneration	Mild
		Dilatation	Mild
Ovary		Cyst	
Note: [CYST] TGLs = 3-7			
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Uterus	Lumen	Dilatation	Marked
	Endometrium	Hyperplasia	Marked
Note: [DILATATION] TGLs = 4-11			
Note: [HYPERPLASIA] TGLs = 2,4-8+11			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
 Test Type: CHRONIC
 Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Allyl glycidyl ether
 CAS Number: 106-92-3

Date Report Requested: 10/23/2014
 Time Report Requested: 11:39:27
 First Dose M/F: NA / NA
 Lab: BNW

ANIMAL ID: 8168

TRT#: 6

SEX: Female

DAY ON TEST: 715

DOSE: 10 PPM FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Liver	Lymph Node - Bronchial	Lymph Node - Mandibular
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Moderate
	Cortex	Hyperplasia	Moderate
Intestine Large	Cecum	Parasite Metazoan	Moderate
	Colon	Parasite Metazoan	Moderate
Kidney	Pelvis	Hyperplasia	Minimal
	Pelvis	Mineralization	Moderate
	Renal Tubule	Mineralization	Moderate
		Nephropathy	Chronic, Minimal
Lung	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
	Artery	Mineralization	Moderate
	[Mineralization TGLS = 3-3]		
Mammary Gland		Fibroadenoma	Multiple
	Note: [FIBROADENOMA] TGLs = 1,2-11+12+13+14		
Nose	Olfactory Epi	Degeneration	Mild
	Glands	Dilatation	Mild
	Respirat Epith	Hyperplasia	Moderate
	Respirat Epith	Metaplasia	Squamous, Moderate
Spleen		Hematopoietic Cell Proliferation	Moderate
Thyroid Gland	C Cell	Carcinoma	
	[Carcinoma TGLS = 4-2]		

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8169 TRT#: 6 SEX: Female DAY ON TEST: 220
DOSE: 10 PPM FEMALE DISP: Moribund HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Islets, Pancreatic
Larynx	Liver	Lung	Lymph Node - Bronchial
Mammary Gland	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Thymus	Thyroid Gland	Trachea
Uterus			

MISSING

Clitoral Gland	Intestine Large - Cecum	Lymph Node - Mandibular	
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AUTO PRECLUDES DIAG.

Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Stomach - Glandular		

OBSERVATIONS

Kidney		Nephroblastoma	
		Nephropathy	Chronic, Mild
[Nephropathy TGLS = 2-11+12]			
Nose	Olfactory Epi	Degeneration	Moderate
	Respirat Epith	Hyperplasia	Mild
	Olfactory Epi	Metaplasia	Squamous, Minimal
	Respirat Epith	Metaplasia	Squamous, Mild
Urinary Bladder		Hemorrhage	Marked
Note: [HEMORRHAGE] TGLs = 1-8			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8170 **TRT#:** 6 **SEX:** Female **DAY ON TEST:** 739
DOSE: 10 PPM FEMALE **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Liver	Lymph Node - Mandibular
Mammary Gland	Pancreas	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

MISSING

Lymph Node - Bronchial Parathyroid Gland

OBSERVATIONS

Adrenal Gland Note: [ANGIOECTASIS] TGLs = 3-5	Cortex	Angiectasis	Marked
Clitoral Gland Note: [CYST] TGLs = 4-7		Cyst Inflammation	Suppurative, Moderate
Kidney	Pelvis	Mineralization Nephropathy	Mild Chronic, Mild
Lung Note: [INFILTRAT CELL] TGLs = 2-11	Alveolar Epith Alveolus Alveolus	Hyperplasia Infiltration Cellular Inflammation	Mild Histiocyte, Moderate Suppurative, Mild
Nose Note: NOSE LESIONS ARE XS 2-3. SOME MINIMAL DILATATION Note: OF THE GLANDS ON SECTION 1.	Olfactory Epi Glands Olfactory Epi	Degeneration Dilatation Inflammation Metaplasia	Moderate Mild Suppurative, Mild Squamous, Mild
Ovary Note: [CYST] TGLs = 1-7		Cyst	
Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8170

TRT#: 6

SEX: Female

DAY ON TEST: 739

DOSE: 10 PPM FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland

C Cell

Adenoma

C Cell

Hyperplasia

Moderate

Uterus

Polyp Stromal

Note: [POLYP STROMAL] TGLs = 5-8

PRIMARY CAUSE OF DEATH

-

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8171

TRT#: 6

SEX: Female

DAY ON TEST: 624

DOSE: 10 PPM FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Liver
Lymph Node - Bronchial	Lymph Node - Mandibular	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Moderate
Kidney	Renal Tubule	Mineralization	Moderate
		Nephropathy	Chronic, Mild
Lung	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
	Artery	Mineralization	Moderate
Note: [INFILTRAT CELL] TGLs = 2-3			
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 1-11			
Nose	Olfactory Epi	Degeneration	Marked
	Glands	Dilatation	Mild
	Respirat Epith	Hyperplasia	Mild
	Olfactory Epi	Metaplasia	Squamous, Moderate
	Respirat Epith	Metaplasia	Squamous, Mild
Thyroid Gland	C Cell	Adenoma	
	C Cell	Carcinoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8172

TRT#: 6

SEX: Female

DAY ON TEST: 624

DOSE: 10 PPM FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Brain	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Liver
Lymph Node - Mandibular	Mammary Gland	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
	Cortex	Hyperplasia	Marked
	Medulla	Hyperplasia	Moderate
	Medulla	Pheochromocytoma Benign	
Bone		Fibrous Osteodystrophy	Marked
		Osteopetrosis	Marked
Note: CORTICAL BONE RATHER THAN FIBROUS TISSUE.			
Note: TISSUE AND A LARGE AMOUNT OF WHAT LOOKS LIKE			
Note: LOOKS DENSER THAN NORMAL WITH MINIMAL FIBROUS			
Note: DISEASE. BUT THE BONE IN THE STERNAL MARROW			
Note: WITH BONE LESIONS SECONDARY TO SEVERE RENAL			
Note: THE BONES OF THE SKULL ARE TYPICAL OF AN ANIMAL			
Clitoral Gland		Inflammation	Suppurative, Moderate
Heart		Cardiomyopathy	Moderate
	Artery	Mineralization	Marked
	Myocardium	Mineralization	Marked
Kidney	Renal Tubule	Mineralization	Moderate
		Nephropathy	Chronic, Marked
Note: [NEPHROPATHY] TGLs = 2-5			
Lung	Alveolus	Fibrosis	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
Note: [INFILTRAT CELL] TGLs = 4-3			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8172	TRT#: 6 DOSE: 10 PPM FEMALE	SEX: Female DISP: Moribund	DAY ON TEST: 624 HISTO:
ORGAN AND ACCOUNTABLE SITE STATUS			
Lymph Node Note: [HEMORRHAGE] TGLs = 3-2	Bronchial	Hemorrhage	Moderate
Nose	Olfactory Epi Glands Respirat Epith Olfactory Epi Olfactory Epi Respirat Epith	Degeneration Dilatation Hyperplasia Metaplasia Metaplasia Metaplasia	Moderate Mild Moderate Minimal Squamous, Mild Squamous, Moderate
Stomach Note: [MINERALIZATION] TGLs = 5-8	Glandular	Mineralization	Marked
Thyroid Gland	C Cell	Hyperplasia	Moderate
Uterus Note: [POLYP STROMAL] TGLs = 1-11		Polyp Stromal	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8173

TRT#: 6

SEX: Female

DAY ON TEST: 739

DOSE: 10 PPM FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lymph Node - Bronchial
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

MISSING

Lymph Node - Mandibular

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Marked
	Cortex	Vacuolization Cytoplasmic	Marked
Kidney		Nephropathy	Chronic, Minimal
Liver		Adenoma	
Note: [ADENOMA] TGLs = 3-11			
Lung	Artery	Mineralization	Moderate
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 1-12+13+14			
Nose	Olfactory Epi Glands	Degeneration	Mild
	Olfactory Epi	Dilatation	Mild
	Pars Distalis	Metaplasia	Squamous, Minimal
Pituitary Gland		Hyperplasia	Moderate
Note: [HYPERPLASIA] TGLs = 4-8			
Thyroid Gland	C Cell	Adenoma	
		Ultimobranchial Cyst	
Uterus	Lumen	Dilatation	Marked
	Endometrium	Hyperplasia	Moderate
		Inflammation	Suppurative, Marked
	Endometrium	Metaplasia	Squamous, Mild
Note: [HYPERPLASIA] TGLs = 2-8			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8173

TRT#: 6

SEX: Female

DAY ON TEST: 739

DOSE: 10 PPM FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [DILATATION] TGLs = 2-8

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8174

TRT#: 6

SEX: Female

DAY ON TEST: 739

DOSE: 10 PPM FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Heart	Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lymph Node - Bronchial
Lymph Node - Mandibular	Mammary Gland	Ovary	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Intestine Large - Rectum

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Marked
	Cortex	Hemorrhage	Marked
	Medulla	Pheochromocytoma Benign	Multiple
Note: [HEMORRHAGE] TGLs = 4-5			
Clitoral Gland		Cyst	
Note: [CYST] TGLs = 1-7			
Intestine Large	Cecum	Inflammation	Marked
Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Chronic, Moderate
Liver		Clear Cell Focus	Mild
Lung	Alveolar Epith	Hyperplasia	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
	Artery	Inflammation	Marked
		Inflammation	Granulomatous, Mild
	Artery	Mineralization	Moderate
Note: [INFILTRAT CELL] TGLs = 2-11			
Mesentery	Artery	Inflammation	Marked
Note: [INFLAMMATION] TGLs = 5-12			
Nose	Olfactory Epi	Degeneration	Marked
	Glands	Dilatation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8174

TRT#: 6
DOSE: 10 PPM FEMALE

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 739
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Suppurative, Moderate
	Respirat Epith	Metaplasia	Squamous, Minimal
Pancreas	Artery	Inflammation	Marked
Spleen	Artery	Inflammation	Marked
Uterus	Artery	Inflammation	Marked
<hr/>			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
 Test Type: CHRONIC
 Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Allyl glycidyl ether
 CAS Number: 106-92-3

Date Report Requested: 10/23/2014
 Time Report Requested: 11:39:27
 First Dose M/F: NA / NA
 Lab: BNW

ANIMAL ID: 8175	TRT#: 6 DOSE: 10 PPM FEMALE	SEX: Female DISP: Terminal Sacrifice	DAY ON TEST: 739 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Liver	Lymph Node - Bronchial	Lymph Node - Mandibular
Mammary Gland	Ovary	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder		

MISSING

Parathyroid Gland	Thymus		
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OBSERVATIONS

Adrenal Gland	Medulla Cortex	Pheochromocytoma Benign Vacuolization Cytoplasmic Cyst	Multiple Moderate
Clitoral Gland Note: [CYST] TGLs = 1-7			
Kidney Note: [CYST] TGLs = 2-5		Cyst Nephropathy	Chronic, Mild
Lung	Artery	Mineralization	Moderate
Nose	Olfactory Epi Glands Respirat Epith Respirat Epith	Degeneration Dilatation Hyperplasia Metaplasia	Mild Mild Minimal Squamous, Mild
Pancreas	Artery	Inflammation	Marked
Thyroid Gland	C Cell	Hyperplasia	Moderate
Uterus	Lumen	Dilatation	Moderate

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8176

TRT#: 6

SEX: Female

DAY ON TEST: 739

DOSE: 10 PPM FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lymph Node - Bronchial
Lymph Node - Mandibular	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Trachea
Urinary Bladder			

MISSING

Thymus

OBSERVATIONS

Adrenal Gland Note: [ANGIOECTASIS] TGLs = 2-5	Cortex	Angiectasis	Moderate
Kidney		Nephropathy	Chronic, Mild
Lacrimal Gland Note: [INFLAMMATION] TGLs = 5-11		Inflammation	Chronic, Mild
Liver Note: [ANGIOECTASIS] TGLs = 7-4		Karyomegaly	Moderate
Lung Note: [INFILTRAT CELL] TGLs = 3-3	Alveolar Epith Alveolus	Angiectasis	Moderate
Mammary Gland Note: [FIBROADENOMA] TGLs = 4-13		Hyperplasia	Minimal
Nose		Infiltration Cellular	Histiocyte, Moderate
		Fibroadenoma	
Ovary Note: [CYST] TGLs = 8-7	Olfactory Epi Glands Respirat Epith	Degeneration	Moderate
Pancreas		Dilatation	Minimal
Pituitary Gland	Pars Distalis	Metaplasia	Squamous, Minimal
		Cyst	
		Atrophy	Mild
		Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8176

TRT#: 6

SEX: Female

DAY ON TEST: 739

DOSE: 10 PPM FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [ADENOMA] TGLs = 6-8

Thyroid Gland

C Cell

Adenoma

Uterus

Polyp Stromal

Note: [POLYP STROMAL] TGLs = 1-8

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8177

TRT#: 6

SEX: Female

DAY ON TEST: 739

DOSE: 10 PPM FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Liver	Lymph Node - Bronchial
Lymph Node - Mandibular	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	Uterus

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Mild
Clitoral Gland		Cyst	
		Inflammation	Suppurative, Moderate
Note: [CYST] TGLs = 2-7			
Kidney		Nephropathy	Chronic, Mild
Lung	Alveolus	Infiltration Cellular	Histiocyte, Moderate
Note: [INFILTRAT CELL] TGLs = 3-3			
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 1-11+12			
Nose	Olfactory Epi Glands	Degeneration	Mild
	Respirat Epith	Dilatation	Mild
	Pars Distalis	Metaplasia	Squamous, Minimal
Pituitary Gland		Adenoma	
Note: BE CARCINOMA.			
Note: DIFFERENTIAL DIAGNOSIS ON THE PITUITARY WOULD			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8178

TRT#: 6

SEX: Female

DAY ON TEST: 739

DOSE: 10 PPM FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Liver
Lymph Node - Bronchial	Lymph Node - Mandibular	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Marked
	Cortex	Vacuolization Cytoplasmic	Moderate
Note: [ANGIECTASIS] TGLs = 4-5			
Kidney		Nephropathy	Chronic, Minimal
Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
Note: [INFILTRAT CELL] TGLs = 3-3			
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 1-11+12+13+14			
Nose	Olfactory Epi Glands	Degeneration	Moderate
	Respirat Epith	Dilatation	Mild
	Olfactory Epi	Hyperplasia	Minimal
	Respirat Epith	Metaplasia	Squamous, Minimal
Pituitary Gland	Pars Distalis	Metaplasia	Squamous, Minimal
Note: [ADENOMA] TGLs = 5-8			
Thyroid Gland	C Cell	Adenoma	
Uterus		Polyp Stromal	
Note: [POLYP STROMAL] TGLs = 2-8			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8179	TRT#: 6	SEX: Female	DAY ON TEST: 269
	DOSE: 10 PPM FEMALE	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lung
Lymph Node - Bronchial	Lymph Node - Mandibular	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Intestine Large - Cecum

OBSERVATIONS

Kidney	Pelvis	Mineralization	Mild
		Nephropathy	Chronic, Minimal
Liver		Hematopoietic Cell Proliferation	Mild
Mammary Gland		Adenocarcinoma	
Note: [ADENOCARC] TGLs = 1-11			
Nose	Olfactory Epi Glands	Degeneration	Moderate
	Respirat Epith	Dilatation	Mild
	Respirat Epith	Hyperplasia	Mild
Note: THE NOSE LESIONS SHOULD BE MENTIONED IN THE Note: NARRATIVE SINCE THIS ANIMAL WAS SACRIFICED ONLY Note: 38 WEEKS INTO THE STUDY. THE OLFACATORY Note: EPITHELIUM DEGENERATION IS ALSO VISIBLE ON SLIDE Note: NASAL CAVITY ADJACENT TO THE MEDIUM SEPTUM. Note: #3 IN THIS ANIMAL AT THE DORSAL ASPECT OF THE	Metaplasia	Squamous, Moderate	
Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8180

TRT#: 6

SEX: Female

DAY ON TEST: 733

DOSE: 10 PPM FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Liver	Lymph Node - Bronchial	Ovary
Pancreas	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Moderate
	Cortex	Vacuolization Cytoplasmic	Moderate
Brain		Compression	Mild
Clitoral Gland		Cyst	
		Inflammation	Suppurative, Moderate
Kidney	Pelvis	Mineralization	Mild
	Renal Tubule	Mineralization	Mild
		Nephropathy	Chronic, Moderate
Lung	Alveolus	Infiltration Cellular	Histiocyte, Moderate
Note: [INFILTRAT CELL] TGLs = 2-3+11			
Lymph Node	Mandibular	Hyperplasia	Lymphoid, Marked
Mammary Gland		Fibroadenoma	
Note: EARLY CARCINOMA.			
Note: DIFFERENTIAL DIAGNOSIS ON THIS TUMOR WOULD BE			
Note: [FIBROADENOMA] TGLs = 1-12			
Nose	Olfactory Epi	Degeneration	Marked
	Glands	Dilatation	Moderate
	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Suppurative, Mild
	Olfactory Epi	Metaplasia	Squamous, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8180	TRT#: 6 DOSE: 10 PPM FEMALE	SEX: Female DISP: Moribund	DAY ON TEST: 733 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS			
	Respirat Epith	Metaplasia	Squamous, Mild
Note: VISIBLE IN BOTH XS 2 AND 3. Note: THE LESIONS IN THE OLFACTORY EPITHELIUM ARE			
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 4-8			
Thyroid Gland	C Cell	Adenoma	
	C Cell	Carcinoma	
Note: [CARCINOMA] TGLs = 3-2			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8181

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 10 PPM FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular	Ovary
Pancreas	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Heart		Inflammation	Suppurative, Mild
Intestine Large	Cecum	Parasite Metazoan	Minimal
Kidney		Nephropathy	Chronic, Mild
Larynx			
Note: AND CONTROL MALES AND FEMALES.			
Note: REMINDER TO COMPARE LARYNX EPITHELIUM OF HIGH DOSE			
Liver		Leukocytosis	Mild
Lung	Alveolus	Infiltration Cellular	Histiocyte, Marked
	Alveolus	Inflammation	Suppurative, Minimal
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 1-16			
Nose	Olfactory Epi Glands	Degeneration Dilatation	Moderate Mild
	Respirat Epith	Hyperplasia	Minimal
	Olfactory Epi	Metaplasia	Squamous, Mild
	Respirat Epith	Metaplasia	Squamous, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Spleen		Hematopoietic Cell Proliferation	Mild
Uterus		Sarcoma Stromal	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8181

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 10 PPM FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [SARC STROMAL] TGLs = 2-8+11+12+13+14+15

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8182

TRT#: 6

SEX: Female

DAY ON TEST: 739

DOSE: 10 PPM FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Liver	Lymph Node - Bronchial	Ovary	Pancreas
Parathyroid Gland	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Lymph Node - Mandibular	Salivary Glands
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OBSERVATIONS

Kidney	Pelvis	Mineralization	Mild
		Nephropathy	Chronic, Minimal
Lung	Alveolar Epith	Hyperplasia	Moderate
	Alveolus	Infiltration Cellular	Histiocyte, Marked
	Alveolus	Inflammation	Suppurative, Mild
	Artery	Mineralization	Moderate
Note: [INFILTRAT CELL] TGLs = 4-3			
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 1-13+14+15			
Nose	Olfactory Epi	Degeneration	Moderate
	Glands	Dilatation	Mild
	Respirat Epith	Metaplasia	Squamous, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Skin		Acanthosis	Moderate
		Hyperkeratosis	Marked
Note: [HYPERKERATOSIS] TGLs = 2-12			
Note: [ACANTHOSIS] TGLs = 2-12			
Uterus		Polyp Stromal	
Note: [POLYP STROMAL] TGLs = 3-11			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8182

TRT#: 6
DOSE: 10 PPM FEMALE

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 739
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8183

TRT#: 6

SEX: Female

DAY ON TEST: 367

DOSE: 10 PPM FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Liver	Lung	Lymph Node - Bronchial
Lymph Node - Mandibular	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Intestine Large - Cecum	Intestine Large - Rectum
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OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
Intestine Large	Colon	Parasite Metazoan	Moderate
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 1-11			
Nose	Olfactory Epi Glands	Degeneration Dilatation	Moderate Moderate
	Respirat Epith	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Squamous, Minimal
	Respirat Epith	Metaplasia	Squamous, Moderate
Uterus	Endometrium	Hyperplasia	Marked
Note: [HYPERPLASIA] TGLs = 2-8			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8184 **TRT#:** 6 **SEX:** Female **DAY ON TEST:** 739
DOSE: 10 PPM FEMALE **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Liver	Lymph Node - Bronchial
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

MISSING

Lymph Node - Mandibular

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Clitoral Gland		Inflammation	Suppurative, Moderate
Note: [INFLAMMATION] TGLs = 2-7			
Kidney		Nephropathy	Chronic, Mild
Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
Note: [INFILTRAT CELL] TGLs = 3-3+11			
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 1-12+13+14+15			
Nose	Olfactory Epi Glands Respirat Epith	Degeneration Dilatation Metaplasia Cyst	Mild Mild Squamous, Minimal
Ovary			
Note: [CYST] TGLs = 4-7			
Skin		Acanthosis Inflammation	Moderate Suppurative, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8185

TRT#: 6

SEX: Female

DAY ON TEST: 739

DOSE: 10 PPM FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Liver	Lymph Node - Bronchial	Lymph Node - Mandibular
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

MISSING

Adrenal Gland - Medulla

INSUFFICIENT TISSUE

Stomach - Forestomach

OBSERVATIONS

Clitoral Gland		Cyst	
Note: [CYST] TGLs = 4-7			
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Minimal
Lung	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
Mammary Gland		Adenocarcinoma	
Note: [ADENOCARC] TGLs = 1-11			
Nose	Olfactory Epi	Degeneration	Moderate
	Glands	Dilatation	Minimal
	Olfactory Epi	Metaplasia	Squamous, Mild
	Respirat Epith	Metaplasia	Squamous, Minimal
	Pars Distalis	Adenoma	
Pituitary Gland			
Note: [ADENOMA] TGLs = 3-8			
Thyroid Gland	C Cell	Hyperplasia	Moderate
Uterus		Polyp Stromal	
Note: [POLYP STROMAL] TGLs = 2-8			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8185

TRT#: 6

SEX: Female

DAY ON TEST: 739

DOSE: 10 PPM FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8186

TRT#: 6

SEX: Female

DAY ON TEST: 739

DOSE: 10 PPM FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Liver	Lymph Node - Bronchial	Lymph Node - Mandibular
Ovary	Pancreas	Parathyroid Gland	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Moderate
	Cortex	Vacuolization Cytoplasmic	Marked
Clitoral Gland		Inflammation	Suppurative, Mild
Kidney		Nephropathy	Chronic, Minimal
Lung	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
Note: [INFILTRAT CELL] TGLs = 5-3+11			
Mammary Gland		Fibroadenoma	
		Galactocele	
Note: [FIBROADENOMA] TGLs = 1-13			
Note: [GALACTOCELE] TGLs = 2-14			
Nose	Olfactory Epi	Degeneration	Moderate
	Glands	Dilatation	Mild
	Olfactory Epi	Metaplasia	Squamous, Minimal
	Respirat Epith	Metaplasia	Squamous, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Salivary Glands		Karyomegaly	Minimal
Uterus	Endometrium	Hyperplasia	Marked
	Endometrium	Metaplasia	Squamous, Mild
		Polyp Stromal	
Note: [HYPERPLASIA] TGLs = 4-12			
Note: [POLYP STROMAL] TGLs = 3-8+12			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8186

TRT#: 6

SEX: Female

DAY ON TEST: 739

DOSE: 10 PPM FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8187 **TRT#:** 6 **SEX:** Female **DAY ON TEST:** 658
DOSE: 10 PPM FEMALE **DISP:** Moribund **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Lung	Lymph Node - Bronchial
Lymph Node - Mandibular	Mammary Gland	Ovary	Pancreas
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland Note: [ANGIOECTASIS] TGLs = 5-5	Cortex	Angiectasis	Marked
Clitoral Gland		Cyst	
Kidney	Pelvis	Mineralization Nephropathy Developmental Malformation	Mild Chronic, Minimal
Liver Note: THE LIVER MASS IS NORMAL AND HAS THE APPERANCE Note: OF A HERNIATED LIVER. Note: [DEVELOP MALFOR] TGLs = 3-11			
Nose	Olfactory Epi Respirat Epith	Degeneration Hyperplasia Inflammation	Moderate Moderate Suppurative, Marked
	Olfactory Epi Olfactory Epi Respirat Epith	Metaplasia Metaplasia Metaplasia	Mild Squamous, Mild Squamous, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Thyroid Gland	C Cell C Cell	Adenoma Hyperplasia	Multiple Moderate
Uterus Note: [HYPERPLASIA] TGLs = 1-12	Endometrium	Hyperplasia	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8187

TRT#: 6

SEX: Female

DAY ON TEST: 658

DOSE: 10 PPM FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8188

TRT#: 6

SEX: Female

DAY ON TEST: 579

DOSE: 10 PPM FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Clitoral Gland	Intestine Large - Cecum
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OBSERVATIONS

Heart		Cardiomyopathy	Marked
	Myocardium	Necrosis	Marked
Kidney		Nephropathy	Chronic, Minimal
Liver		Hematopoietic Cell Proliferation	Mild
Lung	Alveolus	Infiltration Cellular	Histiocyte, Moderate
Note: [INFILTRAT CELL] TGLs = 2,3-3+11			
Nose	Olfactory Epi	Degeneration	Moderate
	Glands	Dilatation	Moderate
	Respirat Epith	Hyperplasia	Mild
	Olfactory Epi	Metaplasia	Squamous, Mild
	Respirat Epith	Metaplasia	Squamous, Mild
Note: THIS NOSE SECTION ON SLIDE 9 IS A PHOTOGENIC			
Note: RESPIRATORY EPITHELIUM AND ALSO OF DEGENERATION			
Note: OF OLFACTORY EPITHELIUM.			
Note: EXAMPLE OF SQUAMOUS METAPLASIA AND HYPERPLASIA			
Ovary		Embryonal Carcinoma	
Note: THIS IS YOLK SAC CA, PER PWG			
Note: [EMBRYONAL CARC] TGLs = 1-12+13			
Pancreas	Artery	Inflammation	Marked
Spleen		Hematopoietic Cell Proliferation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8188

TRT#: 6
DOSE: 10 PPM FEMALE

SEX: Female
DISP: Moribund

DAY ON TEST: 579
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus		Inflammation	Suppurative, Moderate
	Endometrium	Metaplasia	Squamous, Marked
		Thrombosis	

Note: [THROMBUS] TGLs = 4-14

PRIMARY CAUSE OF DEATH

-

Experiment Number: 05080-01
 Test Type: CHRONIC
 Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Allyl glycidyl ether
 CAS Number: 106-92-3

Date Report Requested: 10/23/2014
 Time Report Requested: 11:39:27
 First Dose M/F: NA / NA
 Lab: BNW

ANIMAL ID: 8189

TRT#: 6

SEX: Female

DAY ON TEST: 739

DOSE: 10 PPM FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Liver	Lymph Node - Bronchial
Lymph Node - Mandibular	Mammary Gland	Ovary	Pituitary Gland
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
Clitoral Gland		Inflammation	Suppurative, Marked
Note: [INFLAMMATION] TGLs = 1-7			
Kidney		Nephropathy	Chronic, Mild
Lung	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
	Artery	Mineralization	Moderate
Note: [INFILTRAT CELL] TGLs = 2-11			
Nose	Olfactory Epi	Degeneration	Moderate
	Glands	Dilatation	Moderate
	Olfactory Epi	Metaplasia	Squamous, Mild
	Respirat Epith	Metaplasia	Squamous, Mild
Pancreas	Artery	Inflammation	Moderate
Salivary Glands		Inflammation	Chronic, Mild
Thyroid Gland		Ultimobranchial Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
 Test Type: CHRONIC
 Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Allyl glycidyl ether
 CAS Number: 106-92-3

Date Report Requested: 10/23/2014
 Time Report Requested: 11:39:27
 First Dose M/F: NA / NA
 Lab: BNW

ANIMAL ID: 8190	TRT#: 6 DOSE: 10 PPM FEMALE	SEX: Female DISP: Moribund	DAY ON TEST: 694 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular
Ovary	Pancreas	Pituitary Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

MISSING

Adrenal Gland - Medulla	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
Kidney		Nephropathy	Chronic, Minimal
Liver		Necrosis	Marked
Lung	Alveolus	Infiltration Cellular	Histiocyte, Moderate
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 1-11			
Nose	Olfactory Epi Glands	Degeneration	Moderate
	Respirat Epith	Dilatation	Moderate
	Olfactory Epi	Hyperplasia	Minimal
	Olfactory Epi	Metaplasia	Mild
	Respirat Epith	Metaplasia	Squamous, Mild
Spleen		Metaplasia	Squamous, Mild
Thyroid Gland	C Cell	Hematopoietic Cell Proliferation	Moderate
		Adenoma	Multiple
		Ultimobranchial Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8191

TRT#: 6

SEX: Female

DAY ON TEST: 739

DOSE: 10 PPM FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Liver
Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland	Ovary
Pancreas	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Moderate
	Cortex	Vacuolization Cytoplasmic	Mild
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Minimal
Lung	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
Note: [INFILTRAT CELL] TGLs = 3-3			
Nose	Olfactory Epi	Degeneration	Mild
	Glands	Dilatation	Mild
	Olfactory Epi	Metaplasia	Squamous, Minimal
	Respirat Epith	Metaplasia	Squamous, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Thyroid Gland	C Cell	Carcinoma	
[Carcinoma TGLS = 2-2]			
Uterus		Adenocarcinoma	
	Endometrium	Hyperplasia	Marked
		Polyp Stromal	

Note: THE ADENOCARCINOMA OF THE UTERUS IS ARISING IN

Note: [HYPERPLASIA] TGLs = 1-8

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8191

TRT#: 6

SEX: Female

DAY ON TEST: 739

DOSE: 10 PPM FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: THE MIDST OF THE STROMAL POYLP.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8192

TRT#: 6

SEX: Female

DAY ON TEST: 739

DOSE: 10 PPM FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Liver
Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

MISSING

Lymph Node - Bronchial

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Moderate
	Cortex	Vacuolization Cytoplasmic	Mild
Kidney		Nephropathy	Chronic, Mild
Lung	Alveolus	Infiltration Cellular	Histiocyte, Moderate
[Infiltration Cellular TGLS = 1-3]			
Nose	Olfactory Epi	Degeneration	Mild
	Glands	Dilatation	Minimal
	Respirat Epith	Metaplasia	Squamous, Minimal
Ovary	Capsule	Hyperplasia	Mild
Pancreas		Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
 Test Type: CHRONIC
 Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Allyl glycidyl ether
 CAS Number: 106-92-3

Date Report Requested: 10/23/2014
 Time Report Requested: 11:39:27
 First Dose M/F: NA / NA
 Lab: BNW

ANIMAL ID: 8193 TRT#: 6 SEX: Female DAY ON TEST: 648
 DOSE: 10 PPM FEMALE DISP: Moribund HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Lymph Node - Mandibular	Mammary Gland	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

MISSING

Lymph Node - Bronchial Stomach - Forestomach

OBSERVATIONS

Adrenal Gland	Cortex Cortex Medulla	Angiectasis Lymphoma Malignant Undifferentiated Cell Type Lymphoma Malignant Undifferentiated Cell Type	Moderate
Note: [LYMPH MAL UNDF] TGLs = 2-5			
Clitoral Gland		Cyst Inflammation	Suppurative, Mild
Intestine Small	Ileum	Lymphoma Malignant Undifferentiated Cell Type	
Kidney		Lymphoma Malignant Undifferentiated Cell Type	
Liver		Lymphoma Malignant Undifferentiated Cell Type	
Lung		Lymphoma Malignant Undifferentiated Cell Type	
Note: [LYMPH MAL UNDF] TGLs = 3-3			
Nose	Olfactory Epi Glands Respirat Epith	Degeneration Dilatation Hyperplasia Inflammation	Moderate Moderate Mild Suppurative, Mild
	Olfactory Epi Respirat Epith	Metaplasia Metaplasia	Squamous, Mild Squamous, Moderate
Ovary		Lymphoma Malignant Undifferentiated Cell Type	
Spleen		Lymphoma Malignant Undifferentiated Cell Type	
Note: [LYMPH MAL UNDF] TGLs = 1-4			
Thyroid Gland	C Cell	Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8193

TRT#: 6
DOSE: 10 PPM FEMALE

SEX: Female
DISP: Moribund

DAY ON TEST: 648
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus	Endometrium	Adenoma Lymphoma Malignant Undifferentiated Cell Type	Papillary
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Note: [ADENOMA] TGLs = 4-8

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8194	TRT#: 6 DOSE: 10 PPM FEMALE	SEX: Female DISP: Moribund	DAY ON TEST: 570 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Lymph Node - Bronchial	Ovary	Pancreas	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

MISSING

Clitoral Gland	Intestine Large - Cecum	Lymph Node - Mandibular	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Chronic, Minimal
Liver		Angiectasis	Marked
		Necrosis	Marked
Note: [ANGIECTASIS] TGLs = 4-4			
Lung	Alveolus	Inflammation	Suppurative, Minimal
	Artery	Mineralization	Moderate
Mammary Gland		Fibroadenoma	Multiple
Note: [FIBROADENOMA] TGLs = 1,2-11+12			
Nose	Olfactory Epi	Degeneration	Marked
	Glands	Dilatation	Moderate
	Respirat Epith	Hyperplasia	Moderate
	Olfactory Epi	Metaplasia	Squamous, Moderate
	Respirat Epith	Metaplasia	Squamous, Moderate
Spleen		Hematopoietic Cell Proliferation	Moderate
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8195 **TRT#:** 6 **SEX:** Female **DAY ON TEST:** 694
DOSE: 10 PPM FEMALE **DISP:** Moribund **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Liver	Lymph Node - Bronchial	Lymph Node - Mandibular	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Trachea
Urinary Bladder	Uterus		

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Moderate
	Cortex	Hyperplasia	Moderate
Note: [ANGIECTASIS] TGLs = 2-5			
Brain		Compression	Moderate
Clitoral Gland		Cyst	
Note: [CYST] TGLs = 4-7			
Intestine Large	Colon	Parasite Metazoan	Moderate
Kidney	Pelvis	Mineralization	Mild
		Nephropathy	Chronic, Moderate
Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 1-11			
Nose	Olfactory Epi	Degeneration	Moderate
	Glands	Dilatation	Mild
	Respirat Epith	Hyperplasia	Mild
		Inflammation	Suppurative, Mild
	Olfactory Epi	Metaplasia	Squamous, Minimal
	Respirat Epith	Metaplasia	Squamous, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 3-8			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8195

TRT#: 6
DOSE: 10 PPM FEMALE

SEX: Female
DISP: Moribund

DAY ON TEST: 694
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	C Cell	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8196

TRT#: 6

SEX: Female

DAY ON TEST: 739

DOSE: 10 PPM FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lymph Node - Bronchial
Lymph Node - Mandibular	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Marked
Kidney		Nephropathy	Chronic, Mild
Liver		Clear Cell Focus	Mild
Lung	Alveolus	Infiltration Cellular	Histiocyte, Moderate
	Artery	Mineralization	Moderate
[Mineralization TGLS = 2-3]			
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 1-11+12+13			
Nose	Olfactory Epi Glands	Degeneration	Marked
	Olfactory Epi	Dilatation	Mild
	Olfactory Epi	Metaplasia	Squamous, Mild
	Olfactory Epi	Metaplasia	Mild
	Respirat Epith	Metaplasia	Squamous, Minimal
Ovary			
Note: OF HYPERPLASIA OF THE CAPSULE POSSIBLE NORMAL?			
Note: REMINDER TO CHECK EARLIER RATS OF THIS GROUP			
Pituitary Gland	Pars Distalis	Adenoma	
Uterus	Endometrium	Hyperplasia	Marked
		Polyp Stromal	
Note: [HYPERPLASIA] TGLs = 3-8			
Note: [POLYP STROMAL] TGLs = 3-8			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8196

TRT#: 6

SEX: Female

DAY ON TEST: 739

DOSE: 10 PPM FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8197 **TRT#:** 6 **SEX:** Female **DAY ON TEST:** 729
DOSE: 10 PPM FEMALE **DISP:** Moribund **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Liver	Lymph Node - Bronchial
Lymph Node - Mandibular	Ovary	Pancreas	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
Clitoral Gland		Inflammation	Suppurative, Marked
Kidney	Pelvis	Mineralization	Mild
Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
Mammary Gland		Fibroadenoma	
		Fibrosarcoma	

Note: DIFFERENTIAL DIAGNOSIS WOULD INCLUDE OTHER

Note: [FIBROADENOMA] TGLs = 1-11+12+13+14

Note: SPINDLE CELL TUMORS. IN MY OPINION THE

Note: FIBROSARCOMA AROSE WITHIN THE FIBROADENOMA OF

Note: THE MAMMARY GLAND.

Note: [FIBROSARC] TGLs = 1-11+12+13+14

Note: THE FIBROSARCOMA IS HIGHLY ANAPLASTIC.

Nose	Olfactory Epi Glands	Degeneration Dilatation	Moderate Mild
	Respirat Epith	Hyperplasia	Mild
	Respirat Epith	Metaplasia	Squamous, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Marked
Uterus	Endometrium	Hyperplasia	Mild

Note: [HYPERPLASIA] TGLs = 3-8

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8197

TRT#: 6

SEX: Female

DAY ON TEST: 729

DOSE: 10 PPM FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8198

TRT#: 6

SEX: Female

DAY ON TEST: 330

DOSE: 10 PPM FEMALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Heart	Mammary Gland
Skin	Stomach - Forestomach		

MISSING

Esophagus	Intestine Large - Cecum	Lymph Node - Bronchial	Parathyroid Gland
Thyroid Gland			

AUTO PRECLUDES DIAG.

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Clitoral Gland
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Liver	Lung	Lymph Node - Mandibular	Nose
Ovary	Pancreas	Pituitary Gland	Salivary Glands
Spleen	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Uterus	Endometrium	Metaplasia	Squamous, Marked
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PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
 Test Type: CHRONIC
 Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Allyl glycidyl ether
 CAS Number: 106-92-3

Date Report Requested: 10/23/2014
 Time Report Requested: 11:39:27
 First Dose M/F: NA / NA
 Lab: BNW

ANIMAL ID: 8199	TRT#: 6 DOSE: 10 PPM FEMALE	SEX: Female DISP: Moribund	DAY ON TEST: 332 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Liver	Lymph Node - Mandibular
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Clitoral Gland	Intestine Large - Cecum	Lymph Node - Bronchial
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OBSERVATIONS

Kidney		Nephropathy	Chronic, Minimal
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 1-11			
Nose	Olfactory Epi Glands	Degeneration	Moderate
	Respirat Epith	Dilatation	Mild
	Olfactory Epi	Hyperplasia	Moderate
	Respirat Epith	Metaplasia	Squamous, Mild
		Metaplasia	Squamous, Moderate
Note: PHOTO TAKEN OF OLFACTORY DEGENERATION AND SQUAMOUS			
Note: METAPLASIA IN SECTION 3.			
Note: EPITHELIUM IS EVIDENT IN XS #3 AS WELL AS XS #2			
Note: IN THIS RAT THE DEGENERATION OF THE OLFACTORY			
Uterus	Lumen	Hemorrhage	Mild
	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8200

TRT#: 6

SEX: Female

DAY ON TEST: 739

DOSE: 10 PPM FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Liver	Lymph Node - Bronchial
Lymph Node - Mandibular	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Stomach - Forestomach

INSUFFICIENT TISSUE

Stomach - Glandular

OBSERVATIONS

Adrenal Gland Note: [ANGIECTASIS] TGLs = 4-5	Cortex	Angiectasis	Marked
Clitoral Gland Note: [INFLAMMATION] TGLs = 2-7		Inflammation	Suppurative, Marked
Kidney Note: [CYST] TGLs = 7-5	Pelvis	Cyst Mineralization Nephropathy	Mild Chronic, Minimal
Lung [Infiltration Cellular TGLS = 5-3]	Alveolar Epith Alveolus	Hyperplasia Infiltration Cellular	Mild Histiocyte, Moderate
Mammary Gland Note: [FIBROADENOMA] TGLs = 1-11+12		Fibroadenoma	
Nose	Olfactory Epi Glands Respirat Epith	Degeneration Dilatation Metaplasia	Mild Mild Squamous, Mild
Pituitary Gland Note: [ADENOMA] TGLs = 6-8	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8200

TRT#: 6
DOSE: 10 PPM FEMALE

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 739
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus	Endometrium	Hyperplasia	Moderate
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Note: [HYPERPLASIA] TGLs = 3-8

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
 Test Type: CHRONIC
 Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Allyl glycidyl ether
 CAS Number: 106-92-3

Date Report Requested: 10/23/2014
 Time Report Requested: 11:39:27
 First Dose M/F: NA / NA
 Lab: BNW

ANIMAL ID: 9451 TRT#: 2 SEX: Female DAY ON TEST: 737
 DOSE: CONTROL FEMALE DISP: Terminal Sacrifice HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Liver	Lymph Node - Bronchial
Lymph Node - Mandibular	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Moderate
	Cortex	Hyperplasia	Moderate
	Cortex	Vacuolization Cytoplasmic	Moderate
Clitoral Gland		Inflammation	Suppurative, Mild
Note: [INFLAMMATION] TGLs = 2-7			
Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Chronic, Mild
Lacrimal Gland		Inflammation	Suppurative, Marked
Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Artery	Mineralization	Moderate
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 1-11			
Nose		Inflammation	Suppurative, Marked
Ovary		Cyst	
Note: [CYST] TGLs = 3-7			
Saliv Glands			
Note: NO GOOD EVIDENCE OF SDA IN SALIVARY GL IN THIS RAT.			
Thyroid Gland	C Cell	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9452

TRT#: 2
DOSE: CONTROL FEMALE

SEX: Female
DISP: Dead

DAY ON TEST: 579
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Intestine Large - Rectum
Islets, Pancreatic	Larynx	Lymph Node - Bronchial	Pancreas
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland

MISSING

Intestine Large - Cecum	Lymph Node - Mandibular	Ovary	Urinary Bladder
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AUTO PRECLUDES DIAG.

Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
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OBSERVATIONS

Heart	Atrium	Thrombosis	
Kidney	Pelvis	Dilatation	Moderate
	Renal Tubule	Mineralization	Moderate
		Nephropathy	Chronic, Moderate
Note: [DILATATION] TGLs = 4-5			
Liver		Leukocytosis	Marked
Lung		Leukocytosis	Marked
		Thrombosis	
Note: [THROMBUS] TGLs = 1-3+11			
Mammary Gland		Inflammation	Suppurative, Moderate
Nose		Inflammation	Suppurative, Marked
Parathyroid Gland		Hyperplasia	Mild
Trachea		Inflammation	Suppurative, Mild
Uterus		Inflammation	Suppurative, Marked
		Sarcoma Stromal	

Note: INVOLVING UTERINE WALL. THE UTERINE MASS

Note: [INFLAMMATION] TGLs = 3-12

Note: UTERUS LESION IN SLIDE 12 DOES NOT HAVE AN IDENTIFIABLE

Note: TUMOR. IT CONSISTS ONLY OF SUPPURATIVE INFLAMMATION

Note: CONTAINING LARGE AMOUNTS OF PUS WAS CULTURED AND

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9452

TRT#: 2

SEX: Female

DAY ON TEST: 579

DOSE: CONTROL FEMALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [SARC STROMAL] TGLs = 2-13

Note: FOUND TO CONTAIN KLEBSIELLA, PROTEUS, STAPH AND STREP.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
 Test Type: CHRONIC
 Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Allyl glycidyl ether
 CAS Number: 106-92-3

Date Report Requested: 10/23/2014
 Time Report Requested: 11:39:27
 First Dose M/F: NA / NA
 Lab: BNW

ANIMAL ID: 9453 TRT#: 2 SEX: Female DAY ON TEST: 737
 DOSE: CONTROL FEMALE DISP: Terminal Sacrifice HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Liver
Lymph Node - Bronchial	Lymph Node - Mandibular	Nose	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Marked
	Medulla	Hyperplasia	Moderate
Clitoral Gland		Cyst	
Note: [CYST] TGLs = 3-7			
Heart		Cardiomyopathy	Mild
Kidney	Pelvis	Mineralization	Moderate
		Nephropathy	Chronic, Mild
Larynx		Inflammation	Suppurative, Mild
Lung	Alveolus	Infiltration Cellular	Histiocyte, Moderate
	Artery	Mineralization	Marked
Note: [INFILTRAT CELL] TGLs = 2-3			
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 1-11+12			
Pituitary Gland	Pars Distalis	Adenoma	
Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9454

TRT#: 2

SEX: Female

DAY ON TEST: 737

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Liver	Lung
Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Moderate
	Medulla	Hyperplasia	Mild
Kidney		Nephropathy	Chronic, Mild
Nose	Glands	Dilatation	Mild
	Respirat Epith	Hyperplasia	Mild

Note: THE TURBINATES.

Note: HYPERPLASIA IS IN XS #2 OF THE NOSE OF THE TIPS OF

Ovary		Granulosa Cell Tumor Benign	
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Note: [GRANLSA TM BGN] TGLs = 1,2-11

Thyroid Gland	C Cell	Carcinoma	
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9455 **TRT#:** 2 **SEX:** Female **DAY ON TEST:** 722
DOSE: CONTROL FEMALE **DISP:** Dead **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Heart	Intestine Small - Duodenum	Islets, Pancreatic	Larynx
Liver	Lung	Lymph Node - Mandibular	Mammary Gland
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Clitoral Gland	Intestine Large - Rectum	Lymph Node - Bronchial
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AUTO PRECLUDES DIAG.

Intestine Large - Colon	Intestine Small - Ileum	Intestine Small - Jejunum
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Medulla	Pheochromocytoma Benign	
Note: [HYPERPLASIA] TGLs = 3-5			
Note: [PHEOCHROM BGN] TGLs = 3-5			
Intestine Large	Cecum	Parasite Metazoan	Mild
Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Chronic, Moderate
Note: [NEPHROPATHY] TGLs = 4-5			
Liver			
Note: AND IS HISTOLOGICLY NORMAL OTHER THAN THE DISTORTION			
Note: OF THE LIVER.			
Note: OF THE CAPSULE IN THE CASE OF PARENCHYMA. MY			
Note: OPINION IS THAT THIS IS A DIAPHRAGMATIC HERNIA			
Note: LIVER MASS DISCRIBED IN MEDIAN LOBE IS ON SLIDE 11			
Nose	Glands	Dilatation	Mild
Ovary		Inflammation	Suppurative, Marked
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 5-8			
Uterus	Endometrium	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9455	TRT#: 2 DOSE: CONTROL FEMALE	SEX: Female DISP: Dead	DAY ON TEST: 722 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS			
		Inflammation	Suppurative, Marked

Note: [HYPERPLASIA] TGLs = 6-8			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
 Test Type: CHRONIC
 Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Allyl glycidyl ether
 CAS Number: 106-92-3

Date Report Requested: 10/23/2014
 Time Report Requested: 11:39:27
 First Dose M/F: NA / NA
 Lab: BNW

ANIMAL ID: 9456 TRT#: 2 SEX: Female DAY ON TEST: 737
 DOSE: CONTROL FEMALE DISP: Terminal Sacrifice HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Liver	Lymph Node - Bronchial	Lymph Node - Mandibular
Nose	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
	Cortex	Angiectasis	Moderate
	Cortex	Hyperplasia	Moderate
Intestine Large	Cecum	Parasite Metazoan	
	Colon	Parasite Metazoan	
Kidney	Pelvis	Mineralization	Minimal
		Nephropathy	Chronic, Mild
Lung	Alveolar Epith	Hyperplasia	Minimal
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 1-11+12			
Ovary		Cyst	
Note: [CYST] TGLs = 2-7			
Pituitary Gland	Pars Distalis	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9457 **TRT#:** 2 **SEX:** Female **DAY ON TEST:** 723
DOSE: CONTROL FEMALE **DISP:** Moribund **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Liver	Lung	Lymph Node - Mandibular
Pancreas	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

MISSING

Clitoral Gland	Lymph Node - Bronchial	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Minimal
Heart		Cardiomyopathy	Mild
Kidney	Pelvis	Mineralization	Mild
		Nephropathy	Chronic, Minimal
Lacrimal Gland		Inflammation	Chronic, Minimal
		Karyomegaly	Minimal
Note: [INFLAMMATION] TGLs = 4-11			
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 1-12+13+14			
Nose	Glands	Dilatation	Minimal
Ovary		Granulosa-Theca Tumor Benign	
		Hamartoma	
Pituitary Gland	Pars Distalis	Adenoma	
Thyroid Gland	C Cell	Adenoma	
		Ultimobranchial Cyst	
Uterus	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9458 **TRT#:** 2 **SEX:** Female **DAY ON TEST:** 678
DOSE: CONTROL FEMALE **DISP:** Dead **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Brain	Clitoral Gland	Esophagus
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Islets, Pancreatic
Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

MISSING

Bone	Bone Marrow
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AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Small - Ileum	Intestine Small - Jejunum
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OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Marked
	Cortex	Hemorrhage	Marked
Note: [HEMORRHAGE] TGLs = 3,4-5			
Heart	Atrium	Thrombosis	
Kidney		Nephropathy	Chronic, Moderate
Liver		Hematopoietic Cell Proliferation	Mild
Lung	Alveolus	Fibrosis	Mild
	Alveolus	Hemorrhage	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
	Artery	Inflammation	Suppurative, Moderate
		Mineralization	Marked
Mammary Gland		Galactocele	
Note: [GALACTOCELE] TGLs = 1-11			
Skin		Inflammation	Suppurative, Moderate
Spleen		Hematopoietic Cell Proliferation	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9459	TRT#: 2	SEX: Female	DAY ON TEST: 600
	DOSE: CONTROL FEMALE	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Esophagus
Heart	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Liver	Lymph Node - Mandibular	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	Uterus

MISSING

Clitoral Gland	Intestine Large - Cecum	Lymph Node - Bronchial	Thymus
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OBSERVATIONS

Adrenal Gland Note: [ANGIECTASIS] TGLs = 2-5	Cortex	Angiectasis	Moderate
Bone Marrow		Atrophy	Mild
Kidney		Nephropathy	Chronic, Moderate
Lung Note: [INFILTRAT CELL] TGLs = 4-3	Alveolus	Infiltration Cellular	Histiocyte, Moderate
Pituitary Gland Note: [ADENOMA] TGLs = 3-8	Pars Distalis	Adenoma	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9460 **TRT#:** 2 **SEX:** Female **DAY ON TEST:** 705
DOSE: CONTROL FEMALE **DISP:** Moribund **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Larynx
Liver	Lymph Node - Mandibular	Nose	Ovary
Pancreas	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

MISSING

Clitoral Gland	Lymph Node - Bronchial	Parathyroid Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Marked
	Cortex	Vacuolization Cytoplasmic	Marked
Note: [ANGIECTASIS] TGLs = 2-5			
Intestine Large	Colon	Parasite Metazoan	Moderate
Islets, Pancreatic		Adenoma	
Kidney	Pelvis	Mineralization	Moderate
		Nephropathy	Chronic, Moderate
Lung	Artery	Mineralization	Moderate
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 1-11			
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 3-8			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9461 **TRT#:** 2 **SEX:** Female **DAY ON TEST:** 737
DOSE: CONTROL FEMALE **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Larynx
Liver	Lung	Lymph Node - Bronchial	Lymph Node - Mandibular
Mammary Gland	Nose	Ovary	Pancreas
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

MISSING

Brain Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Marked
	Cortex	Vacuolization Cytoplasmic	Moderate
Note: [ANGIECTASIS] TGLs = 4-5			
Clitoral Gland		Inflammation	Suppurative, Marked
Islets, Pancreatic		Adenoma	
Kidney		Nephropathy	Chronic, Minimal
Lacrimal Gland		Inflammation	Chronic, Minimal
		Karyomegaly	Minimal
Note: [INFLAMMATION] TGLs = 5-11			
Thyroid Gland	C Cell	Hyperplasia	Moderate
	Follicular Cel	Hyperplasia	Moderate
		Ultimobranchial Cyst	
Uterus	Endometrium	Hyperplasia	Moderate
		Polyp Stromal	
Note: [HYPERPLASIA] TGLs = 1-8			
Note: [POLYP STROMAL] TGLs = 2,3-12+13			

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9462	TRT#: 2 DOSE: CONTROL FEMALE	SEX: Female DISP: Moribund	DAY ON TEST: 683 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Esophagus	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Islets, Pancreatic	Larynx
Liver	Lung	Lymph Node - Mandibular	Nose
Ovary	Pancreas	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

MISSING

Clitoral Gland	Intestine Large - Cecum	Intestine Small - Ileum	Intestine Small - Jejunum
Lymph Node - Bronchial	Parathyroid Gland		

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Marked
	Cortex	Vacuolization Cytoplasmic	Moderate
Bone Marrow		Atrophy	Minimal
Brain		Carcinoma	Metastatic (Pituitary Gland)
Heart		Cardiomyopathy	Mild
Kidney	Renal Tubule	Mineralization	Moderate
		Nephropathy	Chronic, Minimal
		Fibroadenoma	
Mammary Gland			
Note: [FIBROADENOMA] TGLs = 1-11+12			
Pituitary Gland	Pars Distalis	Carcinoma	
Note: [CARCINOMA] TGLs = 2-8			
Thyroid Gland	C Cell	Hyperplasia	Minimal
Uterus		Inflammation	Suppurative, Moderate

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9463

TRT#: 2

SEX: Female

DAY ON TEST: 537

DOSE: CONTROL FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Liver	Lymph Node - Bronchial
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Uterus

MISSING

Intestine Large - Cecum	Lymph Node - Mandibular
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OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Minimal
Kidney	Renal Tubule	Mineralization	Moderate
		Nephropathy	Chronic, Minimal
Lung	Artery	Mineralization	Marked
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 1-11			
Nose	Glands	Dilatation	Minimal
		Inflammation	Suppurative, Mild
Salivary Glands		Karyomegaly	Minimal
Urinary Bladder		Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9464

TRT#: 2

SEX: Female

DAY ON TEST: 569

DOSE: CONTROL FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Kidney
Larynx	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Urinary Bladder	Uterus		

MISSING

Intestine Large - Cecum	Lymph Node - Bronchial	Lymph Node - Mandibular
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OBSERVATIONS

Clitoral Gland		Inflammation	Suppurative, Mild
Heart			
Note: THE ATRUIM AND THE VENTRICLE. I AM INTERPRETING			
Note: THERE IS A CELLULAR MASS LYING IN THE FAT BETWEEN			
Note: THIS AS REPRESENTING A SECTION THROUGH THE AORTIC			
Note: BODY OR SIMILAR NORMAL STRUCTURE.			
Intestine Large	Colon	Inflammation	Suppurative, Minimal
	Rectum	Parasite Metazoan	Minimal
Liver		Necrosis	Moderate
Lung	Alveolus	Infiltration Cellular	Histiocyte, Moderate
	Artery	Mineralization	Marked
Note: [INFILTRAT CELL] TGLs = 2,5-11			
Mammary Gland		Adenocarcinoma	
Note: [ADENOCARC] TGLs = 1-12			
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 4-8			
Trachea	Glands	Dilatation	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9465

TRT#: 2

SEX: Female

DAY ON TEST: 737

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Liver	Lymph Node - Bronchial
Lymph Node - Mandibular	Ovary	Pancreas	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Moderate
	Medulla	Hyperplasia	Mild
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Minimal
Lung		Foreign Body	Mild
	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
		Inflammation	Granulomatous, Mild
Mammary Gland		Galactocele	
Nose		Inflammation	Suppurative, Mild

Note: GLANDS AND EPITHELIUM AND ETC.

Note: COMPARE FOR DETERMINATION OF HYPERPLASIA OF SUBMUCOSAL

Note: THE NOSE ON THIS ANIMAL WOULD BE A GOOD ONE TO

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9466

TRT#: 2

SEX: Female

DAY ON TEST: 737

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lymph Node - Bronchial
Lymph Node - Mandibular	Mammary Gland	Nose	Ovary
Pancreas	Salivary Glands	Skin	Spleen
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Moderate
	Medulla	Hyperplasia	Moderate
	Medulla	Pheochromocytoma Benign	
	Cortex	Vacuolization Cytoplasmic	Moderate
Bone Marrow		Atrophy	Mild
Brain		Compression	Moderate
Clitoral Gland		Inflammation	Suppurative, Marked
Note: [INFLAMMATION] TGLs = 1-11			
Kidney	Pelvis	Hyperplasia	Mild
		Nephropathy	Chronic, Mild
Liver		Eosinophilic Focus	Moderate
Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
Pharynx	Palate	Ulcer	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 2-8			
Stomach	Forestomach	Acanthosis	Moderate
Uterus	Endometrium	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9467

TRT#: 2

SEX: Female

DAY ON TEST: 737

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Liver	Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland
Nose	Ovary	Pancreas	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Moderate
	Medulla	Hyperplasia	Minimal
Clitoral Gland		Inflammation	Suppurative, Marked
Kidney	Renal Tubule	Mineralization	Minimal
		Nephropathy	Chronic, Minimal
Larynx		Inflammation	Suppurative, Minimal
Lung	Alveolus	Inflammation	Suppurative, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Uterus		Polyp Stromal	

Note: [POLYP STROMAL] TGLs = 1-8

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9468	TRT#: 2	SEX: Female	DAY ON TEST: 541
	DOSE: CONTROL FEMALE	DISP: Dead	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Clitoral Gland	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Liver	Lymph Node - Mandibular	Mammary Gland
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

MISSING

Adrenal Gland - Medulla	Esophagus	Intestine Large - Cecum	Intestine Small - Duodenum
Lymph Node - Bronchial	Salivary Glands		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Moderate
Brain		Hemorrhage	Marked
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Mild
Lung		Hemorrhage	Moderate
	Artery	Mineralization	Moderate
Nose	Nasolacrim Dct	Inflammation	Suppurative, Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9469	TRT#: 2	SEX: Female	DAY ON TEST: 737
	DOSE: CONTROL FEMALE	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland
Nose	Pancreas	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

MISSING

Parathyroid Gland

OBSERVATIONS

Clitoral Gland		Inflammation	Suppurative, Marked
Intestine Large	Rectum	Parasite Metazoan	
Islets, Pancreatic		Adenoma	
Kidney		Nephropathy	Chronic, Mild
Liver		Clear Cell Focus	Minimal
Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
Ovary		Cyst	
Pituitary Gland	Pars Distalis	Adenoma	
Thyroid Gland	C Cell	Adenoma	
	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9470 **TRT#:** 2 **SEX:** Female **DAY ON TEST:** 737
DOSE: CONTROL FEMALE **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Liver	Lymph Node - Mandibular	Nose
Ovary	Pancreas	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Trachea
Urinary Bladder	Uterus		

MISSING

Esophagus	Lymph Node - Bronchial	Parathyroid Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Marked
Clitoral Gland		Inflammation	Suppurative, Moderate
Kidney	Pelvis	Mineralization	Moderate
		Nephropathy	Chronic, Minimal
Lung		Inflammation	Granulomatous, Moderate
	Artery	Mineralization	Moderate
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 1-11			
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 3-8			
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9471	TRT#: 2	SEX: Female	DAY ON TEST: 647
	DOSE: CONTROL FEMALE	DISP: Dead	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Heart	Islets, Pancreatic	Larynx
Liver	Lung	Lymph Node - Mandibular	Mammary Gland
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

MISSING

Lymph Node - Bronchial

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Nose	

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Moderate
Clitoral Gland		Inflammation	Suppurative, Marked
Note: [INFLAMMATION] TGLs = 1-8			
Kidney		Nephropathy	Chronic, Moderate

PRIMARY CAUSE OF DEATH

-

Animal Note: INTERPRETATION DIFFICULT.
Animal Note: AUTOLYSIS IN THIS ANIMAL MAKES

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9472 **TRT#:** 2 **SEX:** Female **DAY ON TEST:** 705
DOSE: CONTROL FEMALE **DISP:** Moribund **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

MISSING

Clitoral Gland

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Moderate
	Medulla	Hematopoietic Cell Proliferation	Moderate
Kidney	Pelvis	Mineralization	Minimal
		Nephropathy	Chronic, Minimal
Liver		Hematopoietic Cell Proliferation	Moderate
Lung	Alveolus	Infiltration Cellular	Histiocyte, Moderate
	Alveolus	Inflammation	Suppurative, Mild
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 1,2-11+12+13			
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 4-8			
Spleen		Hematopoietic Cell Proliferation	Moderate
Note: [HEMA CELL PROL] TGLs = 3-4			
Thyroid Gland	C Cell	Adenoma	
		Ultimobranchial Cyst	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9473	TRT#: 2 DOSE: CONTROL FEMALE	SEX: Female DISP: Dead	DAY ON TEST: 736 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Lymph Node - Bronchial	Lymph Node - Mandibular	Thymus	
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OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Marked
	Medulla	Pheochromocytoma Benign	
	Cortex	Vacuolization Cytoplasmic	Moderate
Note: [ANGIECTASIS] TGLs = 1-5			
Bone Marrow		Atrophy	Mild
Brain		Compression	Moderate
Heart		Cardiomyopathy	Moderate
Intestine Large	Colon	Parasite Metazoan	Moderate
Kidney		Nephropathy	Chronic, Mild
Lacrimal Gland		Karyomegaly	Mild
		Necrosis	Moderate
Note: [NECROSIS] TGLs = 3-13			
Liver		Vacuolization Cytoplasmic	Mild
Lung	Alveolus	Infiltration Cellular	Histiocyte, Marked
	Alveolus	Inflammation	Suppurative, Mild
Note: [INFILTRAT CELL] TGLs = 2-3+11+12			
Pituitary Gland	Pars Distalis	Adenoma	
Uterus	Endometrium	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9474 TRT#: 2 SEX: Female DAY ON TEST: 638
DOSE: CONTROL FEMALE DISP: Moribund HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Liver	Lymph Node - Mandibular
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	Uterus

MISSING

Lymph Node - Bronchial

AUTO PRECLUDES DIAG.

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Minimal
Kidney	Pelvis	Mineralization	Minimal
		Nephropathy	Chronic, Minimal
Larynx		Inflammation	Suppurative, Minimal
Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
Note: [INFILTRAT CELL] TGLs = 2-3+12			
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 1-11			
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 3-8			
Thyroid Gland	Follicular Cel	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9475

TRT#: 2

SEX: Female

DAY ON TEST: 737

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland
Nose	Ovary	Pancreas	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
	Cortex	Angiectasis	Mild
	Medulla	Pheochromocytoma Benign	
Note: [ANGIECTASIS] TGLs = 1-5			
Clitoral Gland		Inflammation	Suppurative, Marked
Kidney		Nephropathy	Chronic, Minimal
Liver		Eosinophilic Focus	
Lung	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
	Alveolus	Inflammation	Suppurative, Moderate
Note: [INFILTRAT CELL] TGLs = 2-3			
Pituitary Gland	Pars Distalis	Adenoma	
Thyroid Gland	C Cell	Hyperplasia	Marked
Uterus	Endometrium	Hyperplasia	Moderate
		Polyp Stromal	

Note: [POLYP STROMAL] TGLs = 3-11

Note: THIS IS A VERY LARGE POLYP THAT HAS SQUAMOUS EPITHELIUM

Note: ON THE OUTSIDE OF IT. IT COULD EITHER BE FROM THE

Note: CERVIX OR FROM THE ACTUAL UTERINE BODY OR HORN WITH

Note: SQUAMOUS METAPLASIA OF THE SURFACE EPITHELIUM. IT LOOKS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9475

TRT#: 2

SEX: Female

DAY ON TEST: 737

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: MORE LIKE THE CERVIX AND I WILL CALL IT STROMAL POLYP.

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
 Test Type: CHRONIC
 Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Allyl glycidyl ether
 CAS Number: 106-92-3

Date Report Requested: 10/23/2014
 Time Report Requested: 11:39:27
 First Dose M/F: NA / NA
 Lab: BNW

ANIMAL ID: 9476 TRT#: 2 SEX: Female DAY ON TEST: 579
 DOSE: CONTROL FEMALE DISP: Moribund HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Clitoral Gland
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Liver	Lymph Node - Mandibular	Ovary	Pancreas
Parathyroid Gland	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Intestine Small - Ileum	Lymph Node - Bronchial	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Marked
Brain		Granular Cell Tumor Benign	
Heart		Cardiomyopathy	Mild
Kidney	Pelvis	Mineralization	Mild
		Nephropathy	Chronic, Mild
Lung	Alveolus	Infiltration Cellular	Histiocyte, Moderate
		Thrombosis	
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 1-11			
Nose	Nasolacrim Dct	Inflammation	Suppurative, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Salivary Glands		Karyomegaly	Mild
Uterus	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9477 **TRT#:** 2 **SEX:** Female **DAY ON TEST:** 705
DOSE: CONTROL FEMALE **DISP:** Moribund **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Islets, Pancreatic	Larynx	Lymph Node - Bronchial
Lymph Node - Mandibular	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
	Medulla	Hyperplasia	Minimal
Note: [ANGIECTASIS] TGLs = 5-5			
Brain		Compression	Minimal
Clitoral Gland		Inflammation	Suppurative, Marked
Intestine Small	Jejunum, Muscularis	Hyperplasia	Marked
	Jejunum	Inflammation	Suppurative, Minimal
Note: [HYPERPLASIA] TGLs = 2-12			
Kidney	Pelvis	Hyperplasia	Mild
	Pelvis	Mineralization	Moderate
		Nephropathy	Chronic, Mild
Note: [NEPHROPATHY] TGLs = 6-5			
Liver		Hematopoietic Cell Proliferation	Moderate
		Vacuolization Cytoplasmic	Moderate
Note: [VACUOLIZ CYTO] TGLs = 3,4-4			
Lung	Artery	Mineralization	Moderate
Mammary Gland		Adenocarcinoma	
Note: [ADENOCARC] TGLs = 1-11			
Nose	Nasolacrim Dct	Inflammation	Suppurative, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 8-8			
Thyroid Gland	C Cell	Adenoma	
Uterus		Polyp Stromal	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9477

TRT#: 2

SEX: Female

DAY ON TEST: 705

DOSE: CONTROL FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [POLYP STROMAL] TGLs = 9-8

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9478

TRT#: 2

SEX: Female

DAY ON TEST: 521

DOSE: CONTROL FEMALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Pituitary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Intestine Large - Cecum

OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
	Cortex	Angiectasis	Marked
Heart		Embolus Bacterial	
		Inflammation	Suppurative, Marked
Note: [EMBOLUS BACT] TGLs = 1-4+11			
Kidney	Renal Tubule	Mineralization	Moderate
		Nephropathy	Chronic, Moderate
Liver		Hematopoietic Cell Proliferation	Moderate
Lung	Alveolus	Inflammation	Suppurative, Moderate
	Artery	Mineralization	Moderate
Spleen		Hematopoietic Cell Proliferation	Marked
Uterus		Inflammation	Suppurative, Marked
	Endometrium	Metaplasia	Squamous, Moderate

PRIMARY CAUSE OF DEATH

-

Animal Note: SEPTICEMIA AND SHOCK.

Animal Note: EMBOLUS ON THE HEART VALVE LEADING TO GENERALIZED

Animal Note: IS SUPPURATIVE METRITIS, BACTEREMIA, BACTERIAL

Animal Note: PROBABLE PATHOGENESIS IN THE DEATH OF THIS ANIMAL

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9479

TRT#: 2

SEX: Female

DAY ON TEST: 737

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	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	Larynx	Liver	Lymph Node - Bronchial
Lymph Node - Mandibular	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Moderate
Islets, Pancreatic		Adenoma	
Kidney	Pelvis	Mineralization	Moderate
		Nephropathy	Chronic, Mild
Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
Mammary Gland		Fibroadenoma	
Note: ADJACENT TO THE SALIVARY GLAND ON SLIDE #7.			
Note: THERE IS A SMALL FIBROADENOMA IN THE MAMMARY GLAND			
Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 1-8			
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9480 **TRT#:** 2 **SEX:** Female **DAY ON TEST:** 737
DOSE: CONTROL FEMALE **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lymph Node - Bronchial
Lymph Node - Mandibular	Nose	Pancreas	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Marked
	Cortex	Hyperplasia	Moderate
	Cortex	Vacuolization Cytoplasmic	Moderate
Kidney		Nephropathy	Chronic, Minimal
Liver		Neoplastic Nodule	
Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
	Alveolus	Inflammation	Suppurative, Mild
Note: [INFILTRAT CELL] TGLs = 2-3			
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 1-11+12+13+14			
Ovary		Cyst	
Note: [CYST] TGLs = 3-7			
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 4-8			
Salivary Glands		Inflammation	Suppurative, Mild
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9481	TRT#: 2	SEX: Female	DAY ON TEST: 611
	DOSE: CONTROL FEMALE	DISP: Dead	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Islets, Pancreatic	Larynx	Liver
Lymph Node - Mandibular	Nose	Ovary	Pancreas
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Urinary Bladder
Uterus			

MISSING

Intestine Large - Cecum	Lymph Node - Bronchial	Parathyroid Gland	
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AUTO PRECLUDES DIAG.

Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Lung	Trachea	

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Moderate
	Cortex	Hyperplasia	Moderate
Clitoral Gland		Inflammation	Suppurative, Marked
Note: [INFLAMMATION] TGLs = 1-11			
Heart		Cardiomyopathy	Mild
Kidney		Nephropathy	Chronic, Mild
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 1-11			
Thyroid Gland		Ultimobranchial Cyst	

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9482

TRT#: 2

SEX: Female

DAY ON TEST: 667

DOSE: CONTROL FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Liver	Lymph Node - Bronchial
Lymph Node - Mandibular	Nose	Ovary	Pancreas
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Multiple, Marked
	Medulla	Pheochromocytoma Benign	
Note: [ANGIECTASIS] TGLs = 3-5			
Kidney		Nephropathy	Chronic, Minimal
Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 1-12			
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 4-8			
Uterus	Endometrium	Hyperplasia	Marked
		Inflammation	Suppurative, Marked
Note: [HYPERPLASIA] TGLs = 2,5-8+11			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
 Test Type: CHRONIC
 Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Allyl glycidyl ether
 CAS Number: 106-92-3

Date Report Requested: 10/23/2014
 Time Report Requested: 11:39:27
 First Dose M/F: NA / NA
 Lab: BNW

ANIMAL ID: 9483 **TRT#:** 2 **SEX:** Female **DAY ON TEST:** 737
DOSE: CONTROL FEMALE **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Lymph Node - Mandibular	Nose	Ovary
Pancreas	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Intestine Small - Ileum	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Marked
	Cortex	Hyperplasia	Moderate
	Cortex	Vacuolization Cytoplasmic	Moderate
Note: [ANGIECTASIS] TGLs = 1-5			
Clitoral Gland		Cyst	
Kidney	Renal Tubule	Mineralization	Moderate
		Nephropathy	Chronic, Moderate
Lacrimal Gland		Inflammation	Chronic, Mild
		Karyomegaly	Moderate
Note: [INFLAMMATION] TGLs = 3-11			
Liver		Adenoma	
		Angiectasis	Marked
Note: [ANGIECTASIS] TGLs = 4-4			
Note: [ADENOMA] TGLs = 4-4			
Lung	Artery	Mineralization	Moderate
Lymph Node	Bronchial	Hemorrhage	Moderate
Mammary Gland		Inflammation	Suppurative, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 2-8			
Salivary Glands		Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9483

TRT#: 2

SEX: Female

DAY ON TEST: 737

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus	Endometrium	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9484	TRT#: 2	SEX: Female	DAY ON TEST: 737
	DOSE: CONTROL FEMALE	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Liver
Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Cyst	
Kidney	Pelvis	Mineralization	Moderate
		Nephropathy	Chronic, Mild
Lung	Artery	Mineralization	Moderate
Nose	Glands	Dilatation	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Thyroid Gland	C Cell	Carcinoma	

Note: [CARCINOMA] TGLs = 1-2

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9485	TRT#: 2	SEX: Female	DAY ON TEST: 269
	DOSE: CONTROL FEMALE	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Liver
Mammary Gland	Nose	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Spleen
Stomach - Forestomach	Stomach - Glandular	Urinary Bladder	Uterus

MISSING

Intestine Large - Cecum	Lymph Node - Mandibular	Skin
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OBSERVATIONS

Kidney		Nephropathy	Chronic, Mild
Lung		Basosquamous Tumor Malignant	Metastatic (Thymus)
Lymph Node	Bronchial	Basosquamous Tumor Malignant	Metastatic (Thymus)
Thymus		Basosquamous Tumor Malignant	
Note: [BASOSQU TM MAL] TGLs = 2,3-2+11+12			
Note: THIS IS A SQUAMOUS CELL CARCINOMA.			
Thyroid Gland	C Cell	Hyperplasia	Mild
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9486	TRT#: 2	SEX: Female	DAY ON TEST: 737
	DOSE: CONTROL FEMALE	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Liver	Lymph Node - Bronchial	Lymph Node - Mandibular
Mammary Gland	Nose	Ovary	Pancreas
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Clitoral Gland

INSUFFICIENT TISSUE

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
	Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Moderate
Kidney		Nephropathy	Chronic, Mild
Lung	Alveolus	Inflammation	Suppurative, Mild
	Artery	Mineralization	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9487 **TRT#:** 2 **SEX:** Female **DAY ON TEST:** 737
DOSE: CONTROL FEMALE **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Liver	Lymph Node - Bronchial
Lymph Node - Mandibular	Mammary Gland	Nose	Ovary
Pancreas	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Marked
Clitoral Gland		Cyst	
Kidney		Nephropathy	Chronic, Mild
Lung	Alveolus	Infiltration Cellular	Histiocyte, Moderate
Note: [INFILTRAT CELL] TGLs = 2-3			
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 1-8			
Thyroid Gland	C Cell	Adenoma	
	Follicular Cel	Cyst	
Uterus	Endometrium	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9488

TRT#: 2

SEX: Female

DAY ON TEST: 737

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Liver
Lung	Ovary	Pancreas	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Lymph Node - Bronchial	Lymph Node - Mandibular	Parathyroid Gland	Salivary Glands
Thymus			

OBSERVATIONS

Adrenal Gland	Cortex	Vacuolization Cytoplasmic	Marked
Kidney	Pelvis	Mineralization	Moderate
		Nephropathy	Chronic, Minimal
		Fibroadenoma	
Mammary Gland			
Note: [FIBROADENOMA] TGLs = 1-11+12+13+14			
Nose	Glands	Dilatation	Moderate
Pituitary Gland	Pars Distalis	Cyst	
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
 Test Type: CHRONIC
 Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Allyl glycidyl ether
 CAS Number: 106-92-3

Date Report Requested: 10/23/2014
 Time Report Requested: 11:39:27
 First Dose M/F: NA / NA
 Lab: BNW

ANIMAL ID: 9489 TRT#: 2 SEX: Female DAY ON TEST: 690
 DOSE: CONTROL FEMALE DISP: Moribund HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Mammary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder		

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Lymphoma Malignant Histiocytic	
	Medulla	Lymphoma Malignant Histiocytic	
Brain		Hemorrhage	Marked
Note: [HEMORRHAGE] TGLs = 6,8-1			
Clitoral Gland		Inflammation	Suppurative, Moderate
		Lymphoma Malignant Histiocytic	
Note: [INFLAMMATION] TGLs = 9-7			
Heart		Lymphoma Malignant Histiocytic	
Kidney		Lymphoma Malignant Histiocytic	
	Renal Tubule	Mineralization	Moderate
		Nephropathy	Chronic, Mild
Liver		Lymphoma Malignant Histiocytic	
		Necrosis	Marked
Lung		Lymphoma Malignant Histiocytic	
Lymph Node	Bronchial	Lymphoma Malignant Histiocytic	
	Mandibular	Lymphoma Malignant Histiocytic	
	Pancreatic	Lymphoma Malignant Histiocytic	
Note: [LYMPH MAL HIST] TGLs = 4-3			
Note: [LYMPH MAL HIST] TGLs = 3-11			
Nose		Lymphoma Malignant Histiocytic	
Ovary		Lymphoma Malignant Histiocytic	
Pancreas		Lymphoma Malignant Histiocytic	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9489

TRT#: 2

SEX: Female

DAY ON TEST: 690

DOSE: CONTROL FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland	Pars Distalis	Adenoma Lymphoma Malignant Histiocytic
Note: [ADENOMA] TGLs = 5-8		
Spleen		Lymphoma Malignant Histiocytic
Note: [LYMPH MAL HIST] TGLs = 1-4		
Thymus		Lymphoma Malignant Histiocytic
Thyroid Gland	C Cell	Adenoma Lymphoma Malignant Histiocytic
Note: [LYMPH MAL HIST] TGLs = 7-2		
Uterus		Lymphoma Malignant Histiocytic Polyp Stromal
Note: [POLYP STROMAL] TGLs = 2-8		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9490

TRT#: 2

SEX: Female

DAY ON TEST: 737

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Heart	Islets, Pancreatic	Larynx
Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland	Nose
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

MISSING

Intestine Large - Cecum

AUTO PRECLUDES DIAG.

Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum			

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Marked
	Cortex	Hyperplasia	Moderate
Note: [ANGIECTASIS] TGLs = 5-5			
Clitoral Gland		Cyst	
Kidney	Pelvis	Mineralization	Mild
	Renal Tubule	Mineralization	Moderate
		Nephropathy	Chronic, Moderate
Liver		Hematopoietic Cell Proliferation	Mild
	Bile Duct	Hyperplasia	Mild
Lung		Inflammation	Granulomatous, Moderate
	Artery	Mineralization	Moderate
Spleen		Hematopoietic Cell Proliferation	Mild
Thyroid Gland	C Cell	Hyperplasia	Marked
Uterus	Lumen	Dilatation	Marked
		Inflammation	Suppurative, Moderate
	Endometrium	Metaplasia	Squamous, Marked
Note: [DILATATION] TGLs = 1,2-11			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9490

TRT#: 2

SEX: Female

DAY ON TEST: 737

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

Animal Note: THERE IS ALOT OF AUTOLYSIS IN THIS ANIMAL WHICH

Animal Note: MAKES INTERPRETATION DIFFICULT.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9491 **TRT#:** 2 **SEX:** Female **DAY ON TEST:** 737
DOSE: CONTROL FEMALE **DISP:** Terminal Sacrifice **HISTO:**

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular
Ovary	Pancreas	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
	Cortex	Hyperplasia	Moderate
	Cortex	Vacuolization Cytoplasmic	Moderate
Clitoral Gland		Inflammation	Suppurative, Marked
Note: [INFLAMMATION] TGLs = 2-7			
Kidney	Renal Tubule	Mineralization	Marked
		Nephropathy	Chronic, Mild
Liver		Eosinophilic Focus	
Lung	Alveolus	Inflammation	Suppurative, Mild
	Artery	Mineralization	Moderate
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 1-11+12			
Nose	Glands	Dilatation	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Marked
Salivary Glands		Karyomegaly	Minimal
Thyroid Gland	C Cell	Adenoma	Multiple
Uterus	Endometrium	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9492 TRT#: 2 SEX: Female DAY ON TEST: 737
DOSE: CONTROL FEMALE DISP: Terminal Sacrifice HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Lung	Lymph Node - Bronchial
Lymph Node - Mandibular	Nose	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Esophagus

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Moderate
	Cortex	Hyperplasia	Mild
Kidney	Renal Tubule	Mineralization	Mild
		Nephropathy	Chronic, Mild
Liver		Hematopoietic Cell Proliferation	Mild
Mammary Gland		Cyst	
		Fibroadenoma	

Note: DIFFERENTIAL DIAGNOSIS ON THE MAMMARY TUMOR

Note: [FIBROADENOMA] TGLs = 1-12+13

Note: PAPILLARY EPITHELIAL STRUCTURES SHOW MORPHOLOGICAL

Note: CHARACTERISTICS BORDERING ON MALIGNANCY.

Note: WOULD BE EARLY ADENOCARCINOMA. SOME OF THE MORE

Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Hematopoietic Cell Proliferation	Minimal
Uterus	Endometrium	Hyperplasia	Moderate
		Polyp Stromal	

Note: [HYPERPLASIA] TGLs = 2-8+11

Note: [POLYP STROMAL] TGLs = 2-11

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9492

TRT#: 2
DOSE: CONTROL FEMALE

SEX: Female
DISP: Terminal Sacrifice

DAY ON TEST: 737
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
 Test Type: CHRONIC
 Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Allyl glycidyl ether
 CAS Number: 106-92-3

Date Report Requested: 10/23/2014
 Time Report Requested: 11:39:27
 First Dose M/F: NA / NA
 Lab: BNW

ANIMAL ID: 9493 TRT#: 2 SEX: Female DAY ON TEST: 737
 DOSE: CONTROL FEMALE DISP: Terminal Sacrifice HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Lymph Node - Mandibular	Ovary	Pituitary Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder	Uterus	

MISSING

Lymph Node - Bronchial	Parathyroid Gland	Thymus
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OBSERVATIONS

Kidney		Nephropathy	Chronic, Mild
Liver		Adenoma	
	Bile Duct	Cyst	
Note: [CYST] TGLs = 2-12			
Note: [ADENOMA] TGLs = 6-4			
Lung	Alveolar Epith	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
	Alveolus	Inflammation	Suppurative, Moderate
	Artery	Mineralization	Moderate
Note: [INFILTRAT CELL] TGLs = 5-3			
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 1-13+14+15+16			
Nose	Glands	Dilatation	Minimal
Pancreas		Atrophy	Mild
Thyroid Gland	C Cell	Adenoma	
	C Cell	Carcinoma	
[Carcinoma TGLS = 4-2]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
 Test Type: CHRONIC
 Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 Test Compound: Allyl glycidyl ether
 CAS Number: 106-92-3

Date Report Requested: 10/23/2014
 Time Report Requested: 11:39:27
 First Dose M/F: NA / NA
 Lab: BNW

ANIMAL ID: 9494 TRT#: 2 SEX: Female DAY ON TEST: 737
 DOSE: CONTROL FEMALE DISP: Terminal Sacrifice HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Liver	Lymph Node - Mandibular	Mammary Gland
Nose	Ovary	Pancreas	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

MISSING

Lymph Node - Bronchial Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
	Cortex	Hyperplasia	Moderate
Brain		Granular Cell Tumor Benign	
Clitoral Gland		Cyst	
		Inflammation	Suppurative, Mild
Note: [CYST] TGLs = 4-7			
Note: [INFLAMMATION] TGLs = 4-7			
Kidney	Pelvis	Mineralization	Minimal
		Nephropathy	Chronic, Minimal
Lung	Alveolus	Infiltration Cellular	Histiocyte, Moderate
	Alveolus	Inflammation	Suppurative, Minimal
	Artery	Mineralization	Moderate
Note: [INFILTRAT CELL] TGLs = 2-3+11			
Thyroid Gland	C Cell	Carcinoma	
Note: [CARCINOMA] TGLs = 3-2			
Uterus	Endometrium	Hyperplasia	Marked
Note: [HYPERPLASIA] TGLs = 1-8			

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9495 TRT#: 2 SEX: Female DAY ON TEST: 734
DOSE: CONTROL FEMALE DISP: Dead HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Heart	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Islets, Pancreatic	Larynx	Liver
Lymph Node - Bronchial	Lymph Node - Mandibular	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Small - Ileum	Intestine Small - Jejunum
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OBSERVATIONS

Clitoral Gland		Cyst	
Note: [CYST] TGLs = 1-11			
Esophagus		Acanthosis	Marked
		Hyperkeratosis	Moderate
		Inflammation	Chronic, Marked
Kidney		Nephropathy	Chronic, Mild
Lung	Artery	Mineralization	Moderate
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 2-11			
Nose	Glands	Dilatation	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Uterus		Adenocarcinoma	
		Inflammation	Suppurative, Marked
		Polyp Stromal	
Note: [ADENOCARC] TGLs = 3-8			

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9496	TRT#: 2 DOSE: CONTROL FEMALE	SEX: Female DISP: Moribund	DAY ON TEST: 478 HISTO:
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ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular
Nose	Ovary	Pancreas	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Intestine Large - Cecum	Parathyroid Gland		
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OBSERVATIONS

Intestine Large	Colon	Parasite Metazoan	
Kidney	Pelvis	Hyperplasia	Mild
	Renal Tubule	Mineralization	Mild
		Nephropathy	Chronic, Minimal
Liver		Hematopoietic Cell Proliferation	Minimal
Lung	Alveolus	Inflammation	Suppurative, Minimal
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 1-11			
Pituitary Gland	Pars Distalis	Adenoma	
Salivary Glands		Karyomegaly	Minimal
Spleen		Hematopoietic Cell Proliferation	Mild

PRIMARY CAUSE OF DEATH	-
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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9497

TRT#: 2

SEX: Female

DAY ON TEST: 737

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Liver	Lymph Node - Bronchial
Lymph Node - Mandibular	Mammary Gland	Nose	Ovary
Pancreas	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Parathyroid Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Mild
	Medulla	Pheochromocytoma Benign	
Kidney		Nephropathy	Chronic, Mild
Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 2-8			
Uterus	Lumen	Dilatation	Moderate
		Polyp Stromal	
Note: [POLYP STROMAL] TGLs = 1-8			
Note: [DILATATION] TGLs = 1-8			

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9498	TRT#: 2	SEX: Female	DAY ON TEST: 207
	DOSE: CONTROL FEMALE	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Brain
Esophagus	Heart	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Kidney	Larynx	Liver	Lung
Lymph Node - Bronchial	Mammary Gland	Ovary	Pancreas
Parathyroid Gland	Pituitary Gland	Salivary Glands	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

MISSING

Intestine Large - Cecum	Lymph Node - Mandibular	Skin	Thyroid Gland
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OBSERVATIONS

Bone	Cranium	Necrosis	Marked
Clitoral Gland		Inflammation	Suppurative, Minimal
Nose		Inflammation	Suppurative, Marked
Pharynx	Epithelium	Hyperplasia	Moderate
		Necrosis	Marked
		Ulcer	Marked
Tooth	Incisor	Developmental Malformation	

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9499 TRT#: 2 SEX: Female DAY ON TEST: 474
DOSE: CONTROL FEMALE DISP: Moribund HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Heart	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Liver	Lymph Node - Bronchial
Lymph Node - Mandibular	Nose	Ovary	Pancreas
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Intestine Large - Cecum	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Moderate
Kidney		Nephropathy	Chronic, Mild
Lung	Alveolus	Infiltration Cellular	Histiocyte, Moderate
	Alveolus	Inflammation	Suppurative, Mild
	Artery	Mineralization	Moderate
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 1-11+12			
Uterus	Endometrium	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

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* PROTOCOL REQUIRED TISSUE

Experiment Number: 05080-01
Test Type: CHRONIC
Species/Strain: Rat/OSBORNE-MEND

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: Allyl glycidyl ether
CAS Number: 106-92-3

Date Report Requested: 10/23/2014
Time Report Requested: 11:39:27
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9500

TRT#: 2

SEX: Female

DAY ON TEST: 723

DOSE: CONTROL FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Heart	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Islets, Pancreatic	Larynx
Liver	Lymph Node - Bronchial	Lymph Node - Mandibular	Nose
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Thymus
Trachea	Urinary Bladder		

AUTO PRECLUDES DIAG.

Intestine Small - Jejunum

OBSERVATIONS

Adrenal Gland	Cortex	Angiectasis	Moderate
	Cortex	Hyperplasia	Moderate
	Medulla	Hyperplasia	Moderate
Intestine Large	Cecum	Parasite Metazoan	Mild
Kidney	Pelvis	Mineralization	Minimal
		Nephropathy	Chronic, Mild
Lung	Artery	Mineralization	Moderate
Mammary Gland		Fibroadenoma	
Note: [FIBROADENOMA] TGLs = 1-13+14+15+16+17+18			
Pituitary Gland	Pars Distalis	Adenoma	
Stomach	Glandular	Mineralization	Mild
Thyroid Gland	C Cell	Adenoma	
Uterus		Adenocarcinoma	
		Polyp Stromal	
Note: [ADENOCARC] TGLs = 2-8+11			
Note: [POLYP STROMAL] TGLs = 3-12			

PRIMARY CAUSE OF DEATH

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** END OF REPORT **

* PROTOCOL REQUIRED TISSUE