

Experiment Number: 05097-01
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroacetophenone (CN)
CAS Number: 532-27-4

Date Report Requested: 10/23/2014
Time Report Requested: 09:51:57
First Dose M/F: NA / NA
Lab: BNW

C Number:	C55107
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	10/25/1988

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7101

TRT#: 3

SEX: Male

DAY ON TEST: 540

DOSE: 1 MG/M3 MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Epididymis
Intestine Large - Rectum
Larynx
Parathyroid Gland
Stomach - Forestomach
Trachea

Bone
Esophagus
Intestine Small - Ileum
Lung
Preputial Gland
Stomach - Glandular
Urinary Bladder

Bone Marrow
Intestine Large - Cecum
Intestine Small - Jejunum
Lymph Node - Bronchial
Salivary Glands
Thymus

Brain
Intestine Large - Colon
Islets, Pancreatic
Pancreas
Spleen
Thyroid Gland

MISSING

Lymph Node - Mandibular

Mammary Gland

INSUFFICIENT TISSUE

Intestine Small - Duodenum

OBSERVATIONS

Adrenal Gland
Heart
Kidney
Liver
Nose

Cortex

Degeneration
Inflammation
Nephropathy
Leukemia Mononuclear
Inflammation
Inflammation

Fatty, Minimal
Chronic, Mild
Mild
Suppurative, Minimal
Mild

Pituitary Gland
Prostate
Skin

Pars Distalis
Epithelium
Subcut Tiss

Adenoma
Hyperplasia
Fibroma

Minimal

Note: FIBROMA TGLs = 1-11

Testes

Interstit Cell

Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

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Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7102

TRT#: 3

SEX: Male

DAY ON TEST: 702

DOSE: 1 MG/M3 MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Pancreas	Preputial Gland
Salivary Glands	Skin	Stomach - Forestomach	Thyroid Gland
Trachea			

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Brain		Hemorrhage	Minimal
		Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Intestine Small	Ileum, Peyers Patch	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
Liver		Degeneration	Fatty, Mild
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 5-4			
Lung	Alveolar Epith	Hyperplasia	Moderate
		Inflammation	Chronic, Focal, Moderate
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 6-3+11			
Lymph Node	Bronchial	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	

[Leukemia Mononuclear TGLS = 8-14]

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

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Test Compound: 2-Chloroacetophenone (CN)

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Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7102

TRT#: 3

SEX: Male

DAY ON TEST: 702

DOSE: 1 MG/M3 MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

[Leukemia Mononuclear TGLS = 1-7]

Mammary Gland

Hyperplasia

Mild

Nose

Nasolacrim Dct

Inflammation

Suppurative, Minimal

Vomeronas Org

Inflammation

Suppurative, Minimal

Inflammation

Suppurative, Minimal

Leukemia Mononuclear

Respirat Epith

Metaplasia

Squamous, Minimal

Leukemia Mononuclear

Penis

Note: I DO NOT BELIEVE THE LEUKEMIA IS RESULTED IN THE GROSS

Note: LESION TGL 2. THERE IS A MODERATE AMOUNT OF SMEGMA

Note: PRESENT AROUND THE PENIS.

Pituitary Gland

Pars Distalis

Adenoma

Pars Distalis

Leukemia Mononuclear

Note: ADENOMA TGLs = 7-8

Prostate

Inflammation

Suppurative, Mild

Spleen

Leukemia Mononuclear

[Leukemia Mononuclear TGLS = 3-12]

Stomach

Glandular

Inflammation

Mild

Glandular

Ulcer

Mild

Testes

Bilateral, Interstit Cell

Adenoma

Leukemia Mononuclear

Tunic

Mesothelioma Benign

Note: ADENOMA TGLs = 4-7

Thymus

Leukemia Mononuclear

Urinary Bladder

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

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Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7103

TRT#: 3

SEX: Male

DAY ON TEST: 679

DOSE: 1 MG/M3 MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Epididymis	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Pancreas	Parathyroid Gland
Prostate	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Thyroid Gland	Trachea

MISSING

Esophagus	Mammary Gland
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Moderate
Bone Marrow		Leukemia Mononuclear	
Brain		Leukemia Mononuclear	
Heart		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Note: LEUKEMIA MONUC TGLs = 5-5			
Larynx		Inflammation	Suppurative, Minimal
Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Lung	Alveolar Epith	Hyperplasia	Minimal
		Leukemia Mononuclear	
Lymph Node	Bronchial	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-3			
Note: LEUKEMIA MONUC TGLs = 4-5			
Note: LEUKEMIA MONUC TGLs = 3-11			
Nose		Inflammation	Minimal
Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

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Species/Strain: Rat/F 344/N

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Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7103

TRT#: 3

SEX: Male

DAY ON TEST: 679

DOSE: 1 MG/M3 MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Pars Distalis

Leukemia Mononuclear

Note: ADENOMA TGLs = 6-8

Preputial Gland

Inflammation

Suppurative, Minimal

Spleen

Leukemia Mononuclear

[Leukemia Mononuclear TGLS = 1-4]

Thymus

Leukemia Mononuclear

Urinary Bladder

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

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P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

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CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7104

TRT#: 3

SEX: Male

DAY ON TEST: 737

DOSE: 1 MG/M3 MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Lymph Node - Bronchial	Pancreas	Preputial Gland	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Trachea
Urinary Bladder			

MISSING

Intestine Large - Rectum	Mammary Gland	Parathyroid Gland	Thymus
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INSUFFICIENT TISSUE

Esophagus

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Minimal
	Bile Duct	Hyperplasia	Minimal
Lung		Inflammation	Chronic, Focal, Minimal
Lymph Node	Mandibular	Hyperplasia	Mild
Nose		Inflammation	Suppurative, Minimal
		Inflammation	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Prostate		Inflammation	Suppurative, Mild
Salivary Glands	Duct	Hyperplasia	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	

Note: DO NOT THINK IT ACCOUNTS FOR A SMALL TESTIS.

Note: ADENOMA TGLs = 1-7

Note: THE ATROPHY NOTED IS SECONDARY TO THE TUMOR, BUT I

Note: APPEARS SMALL TO THE RELATIVELY LARGE RIGHT TESTIS.

Note: I DO NOT BELIEVE THE LEFT TESTIS IS SMALL, BUT IT

Thyroid Gland	Follicular Cel	Adenocarcinoma	
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[Adenocarcinoma TGLS = 3-2]

* PROTOCOL REQUIRED TISSUE

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Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7104

TRT#: 3

SEX: Male

DAY ON TEST: 737

DOSE: 1 MG/M3 MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7105

TRT#: 3

SEX: Male

DAY ON TEST: 737

DOSE: 1 MG/M3 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 - Jejunum	Islets, Pancreatic	Larynx
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland

MISSING

Lymph Node - Mandibular

OBSERVATIONS

Adrenal Gland	Cortex Medulla	Degeneration Hyperplasia Inflammation	Fatty, Mild Moderate Chronic, Minimal
Heart			
Intestine Small	Ileum	Hyperplasia Nephropathy	Lymphoid, Mild Moderate
Kidney			
Note: NEPHROPATHY	TGLs = 9-5+12		
Liver		Angiectasis Basophilic Focus Degeneration Hepatodiaphragmatic Nodule	Minimal Mild Cystic, Minimal
	Bile Duct	Hyperplasia Inflammation Leukemia Mononuclear Thrombosis	Mild Granulomatous, Focal, Minimal Mild
[Hepatodiaphragmatic Nodule TGLS = 7-11]			
[Leukemia Mononuclear TGLS = 6-4+11]			
Lung		Inflammation Leukemia Mononuclear	Chronic, Focal, Mild
Lymph Node	Renal	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 8-14		
Note: LEUKEMIA MONUC	TGLs = 5-3		
Mammary Gland		Galactocele	Minimal

* PROTOCOL REQUIRED TISSUE

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Test Type: CHRONIC

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Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7105

TRT#: 3

SEX: Male

DAY ON TEST: 737

DOSE: 1 MG/M3 MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Nose	Respirat Epith	Foreign Body Hyperplasia Inflammation Inflammation	Minimal Minimal Suppurative, Mild Mild
Pancreas	Acinus	Adenoma	
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Adenoma	
[Adenoma TGLS = 1-7]			
Prostate		Inflammation	Suppurative, Marked
Note: INFLAMMATION	TGLs = 3-13		
Seminal Vesicle		Inflammation	Suppurative, Moderate
Note: INFLAMMATION	TGLs = 4-13		
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4]			
Trachea		Inflammation	Suppurative, Minimal
Urinary Bladder	Transit Epithe	Hyperplasia Inflammation	Mild Suppurative, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7106

TRT#: 3

SEX: Male

DAY ON TEST: 737

DOSE: 1 MG/M3 MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Parathyroid Gland	Skin	Stomach - Forestomach
Stomach - Glandular			

INSUFFICIENT TISSUE

Thyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Bilateral, Medulla	Pheochromocytoma Benign	
Note: LEUKEMIA MONUC	TGLs = 6-5+12		
Bone Marrow		Leukemia Mononuclear	
Brain		Leukemia Mononuclear	
Epididymis		Leukemia Mononuclear	
Heart		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Larynx		Inflammation	Suppurative, Minimal
Liver		Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 5-4		
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 7-3		
Lymph Node	Bronchial	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-13]			
Mammary Gland		Hyperplasia	Mild
Nose		Inflammation	Suppurative, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7106

TRT#: 3

SEX: Male

DAY ON TEST: 737

DOSE: 1 MG/M3 MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas	Acinus	Thrombosis Atrophy Leukemia Mononuclear	Mild Mild
Pituitary Gland	Pars Distalis Pars Distalis	Adenoma Leukemia Mononuclear	
Preputial Gland		Leukemia Mononuclear	
Prostate		Inflammation	Suppurative, Minimal
Salivary Glands		Inflammation	Minimal
Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 2-11]		
Testes	Bilateral, Interstit Cell	Adenoma Atrophy Leukemia Mononuclear	Marked
	[Adenoma TGLS = 4-7] [Atrophy TGLS = 3-7]		
Thymus		Leukemia Mononuclear	
Trachea	Epithelium	Metaplasia	Squamous, Minimal
Urinary Bladder		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7107

TRT#: 3

SEX: Male

DAY ON TEST: 666

DOSE: 1 MG/M3 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	Lymph Node - Bronchial	Pancreas	Preputial Gland
Skin	Spleen	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Parathyroid Gland

INSUFFICIENT TISSUE

Epididymis

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 3-5		
Liver		Inflammation	Granulomatous, Focal, Minimal
Lung	Perivascular	Infiltration Cellular	Mononuclear CI, Minimal
Lymph Node	Mandibular	Hyperplasia	Moderate
Mammary Gland		Hyperplasia	Minimal
Nose		Inflammation	Suppurative, Minimal
		Inflammation	Mild
	Olfactory Epi	Metaplasia	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA]	TGLs = 1-8		
Prostate		Inflammation	Suppurative, Mild
Salivary Glands	Duct	Hyperplasia	Minimal
Stomach	Forestomach	Hyperplasia	Squamous, Mild
	Forestomach	Inflammation	Mild
	Forestomach	Ulcer	Minimal
Note: HYPERPLASIA	TGLs = 2-8		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

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Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7107

TRT#: 3

SEX: Male

DAY ON TEST: 666

DOSE: 1 MG/M3 MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Interstit Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

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Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7108

TRT#: 3

SEX: Male

DAY ON TEST: 556

DOSE: 1 MG/M3 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	Larynx
Parathyroid Gland	Preputial Gland	Prostate	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Note: DARK COLOR NOTICED GROSSLY.			
Note: I AM NOT CONVINCED THAT THE LEUKEMIA ACCOUNTS FOR THE			
Heart		Leukemia Mononuclear	
Intest Small			
Note: 8			
Islets, Pancreatic		Adenoma	
Note: ADENOMA TGLs = 2-4			
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Note: LEUKEMIA MONUC TGLs = 4-5			
Liver		Hemorrhage	Moderate
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
		Necrosis	Moderate
Note: HEMORRHAGE TGLs = 3-4			
Lung		Hemorrhage	Mild
		Inflammation	Chronic, Focal, Minimal
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

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Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7108

TRT#: 3

SEX: Male

DAY ON TEST: 556

DOSE: 1 MG/M3 MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: HEMORRHAGE TGLs = 6-3

Lymph Node

Bronchial
Mandibular

Leukemia Mononuclear
Leukemia Mononuclear

Nose

Inflammation

Suppurative, Minimal

Pancreas

Acinus

Atrophy

Minimal

Pituitary Gland

Pars Distalis

Hyperplasia

Minimal

Spleen

Fibrosis

Mild

Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 1-4+11

Note: FIBROSIS TGLs = 7-11

Testes

Interstitial Cell

Atrophy

Marked

Hyperplasia

Moderate

Thymus

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7109

TRT#: 3

SEX: Male

DAY ON TEST: 737

DOSE: 1 MG/M3 MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Mammary Gland
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Moderate
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Harderian Gland		Inflammation	Suppurative, Mild
Heart		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Liver		Angiectasis	Mild
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-4			
Lung		Hemorrhage	Mild
		Inflammation	Chronic, Focal, Minimal
		Leukemia Mononuclear	
[Hemorrhage TGLS = 3-3]			
Lymph Node	Bronchial	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
Nose	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Suppurative, Minimal
		Inflammation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7109

TRT#: 3

SEX: Male

DAY ON TEST: 737

DOSE: 1 MG/M3 MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 5-8		
Preputial Gland		Inflammation	Suppurative, Minimal
Prostate		Inflammation	Suppurative, Mild
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1,2-11]			
Trachea	Epithelium	Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7110

TRT#: 3

SEX: Male

DAY ON TEST: 687

DOSE: 1 MG/M3 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	Lung	Lymph Node - Bronchial	Parathyroid Gland
Prostate	Salivary Glands	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Epididymis	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex Medulla	Degeneration Hyperplasia Compression	Fatty, Mild Minimal Moderate
Brain	[Compression TGLS = 5-1]		
Harderian Gland		Inflammation	Suppurative, Minimal
Heart		Inflammation	Chronic, Mild
Islets, Pancreatic		Adenoma	
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 6-5		
Larynx		Inflammation	Suppurative, Minimal
Liver		Angiectasis Basophilic Focus Inflammation Leukemia Mononuclear Necrosis	Mild Granulomatous, Focal, Minimal Minimal
Note: LOBES OF THE LIVER WITHOUT ANY DEFINITE REASON Note: FOR THE ENLARGEMENT. THERE IS NO EVIDENCE OF Note: NEOPLASIA OR DIAPHRAGMATIC HERNIATION OF THE PORTION Note: OF THE LIVER LOBE. Note: THE MEDIAN LOBE "TGL 3" LOOKS MUCH LIKE THE OTHER			
Lymph Node	Mandibular	Hyperplasia	Mild
Mammary Gland		Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7110

TRT#: 3

SEX: Male

DAY ON TEST: 687

DOSE: 1 MG/M3 MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery	Fat	Inflammation	Chronic, Moderate
	Fat	Necrosis	Moderate
Note: NECROSIS TGLs = 7-12			
Nose	Respirat Epith	Hyperplasia	Minimal
	Nasolacrim Dct	Inflammation	Suppurative, Mild
		Inflammation	Suppurative, Minimal
		Inflammation	Mild
	Respirat Epith	Metaplasia	Squamous, Minimal
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 4-8			
Preputial Gland		Inflammation	Suppurative, Moderate
Note: INFLAMMATION TGLs = 1-7			
Skin	Subcut Tiss	Inflammation	Chronic, Marked
Note: INFLAMMATION TGLs = 1-7			
Note: IN THE CENTER OF THE CHRONIC INFLAMMATION IS A			
Note: SUPPURATIVE REACTION.			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-4			
Stomach	Forestomach	Hyperplasia	Squamous, Moderate
	Forestomach	Inflammation	Mild
Note: HYPERPLASIA TGLs = 8-8			
Testes	Interstit Cell	Hyperplasia	Minimal
	Perivascular	Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7111

TRT#: 3

SEX: Male

DAY ON TEST: 737

DOSE: 1 MG/M3 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 - Jejunum	Islets, Pancreatic	Larynx
Lymph Node - Bronchial	Pancreas	Parathyroid Gland	Preputial Gland
Skin	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Urinary Bladder			

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Focal Cellular Change	Mild
	Bilateral, Medulla	Pheochromocytoma Benign	
Heart		Inflammation	Chronic, Minimal
Intestine Small	Ileum	Parasite Metazoan	
Kidney		Nephropathy	Moderate
[Nephropathy TGLS = 1-5]			
Liver		Basophilic Focus	Minimal
		Inflammation	Granulomatous, Focal, Minimal
		Leukemia Mononuclear	
Lung		Inflammation	Chronic, Focal, Mild
		Leukemia Mononuclear	
Lymph Node	Mandibular	Inflammation	Granulomatous, Mild
Nose		Inflammation	Mild
		Inflammation	Suppurative, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Prostate		Inflammation	Suppurative, Minimal
Salivary Glands	Duct	Hyperplasia	Minimal
Spleen		Leukemia Mononuclear	
Testes		Atrophy	Minimal
Trachea	Epithelium	Metaplasia	Squamous, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroacetophenone (CN)
CAS Number: 532-27-4

Date Report Requested: 10/23/2014
Time Report Requested: 09:51:57
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7111

TRT#: 3

SEX: Male

DAY ON TEST: 737

DOSE: 1 MG/M3 MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7112

TRT#: 3

SEX: Male

DAY ON TEST: 631

DOSE: 1 MG/M3 MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Larynx	Parathyroid Gland	Preputial Gland	Prostate
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea

MISSING

Intestine Large - Rectum	Mammary Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Note: LEUKEMIA MONUC TGLs = 6-5			
Bone Marrow		Myelofibrosis	Minimal
Brain		Hemorrhage	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 13-18]			
Heart		Leukemia Mononuclear	
Islets, Pancreatic		Adenoma	
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Note: LEUKEMIA MONUC TGLs = 7-5			
Liver		Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-4]			
Lung		Alveolar/Bronchiolar Carcinoma	
		Leukemia Mononuclear	
Note: TGL 15 ON SLIDE 13 MAY BE ONLY DUE TO LEUKEMIA;			
Note: RECUT THE SLIDE AND FOUND NO OTHER NODULE.			
Note: LEUKEMIA MONUC TGLs = 15-13			
[Alveolar/Bronchiolar Carcinoma TGLS = 12-12]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7112

TRT#: 3

SEX: Male

DAY ON TEST: 631

DOSE: 1 MG/M3 MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node	Bronchial Mandibular Mediastinal Pancreatic Renal	Leukemia Mononuclear Leukemia Mononuclear Leukemia Mononuclear Leukemia Mononuclear Leukemia Mononuclear	
Note: SLIDE 16 CONTAINS PANCREATIC LN RATHER THAN MEDIASTINAL			
Note: LN AS INDICATED ON PAGE 2 OF PEIS FORM. MEDIASTINAL			
Note: LEUKEMIA MONUC TGLs = 10-2			
Note: LEUKEMIA MONUC TGLs = 2-7			
Note: LN CAN BE FOUND ON SLIDE 2.			
[Leukemia Mononuclear TGLS = 9-3+11]			
[Leukemia Mononuclear TGLS = 8-15]			
Nose	Respirat Epith	Hyperplasia Inflammation Leukemia Mononuclear	Minimal Suppurative, Minimal
Pancreas	Respirat Epith	Metaplasia Leukemia Mononuclear	Squamous, Mild
Pituitary Gland	Pars Distalis Pars Distalis	Adenoma Leukemia Mononuclear	
Note: ADENOMA TGLs = 14-8			
Salivary Glands		Leukemia Mononuclear	
Skin		Keratoacanthoma	
[Keratoacanthoma TGLS = 1-17]			
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-14]			
Testes	Interstit Cell	Adenoma	
Note: FOCI HYPERPLASIA IN THE OTHER TESTIS WOULD ACCOUNT			
Note: THE GROSS DESCRIPTION. I DO NOT THINK THE TINY			
Note: ONLY ONE TUMOR WAS NOTED, NOT TWO AS INDICATED BY			
Note: ADENOMA TGLs = 4-7			
Note: FOR GROSS LESIONS MENTIONED IN BOTH.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7112

TRT#: 3

SEX: Male

DAY ON TEST: 631

DOSE: 1 MG/M3 MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus

Leukemia Mononuclear

Urinary Bladder

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7113

TRT#: 3

SEX: Male

DAY ON TEST: 737

DOSE: 1 MG/M3 MALE

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	Larynx
Lymph Node - Bronchial	Pancreas	Parathyroid Gland	Preputial Gland
Prostate	Salivary Glands	Stomach - Forestomach	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

INSUFFICIENT TISSUE

Epididymis

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Marked
Heart		Inflammation	Chronic, Minimal
Islets, Pancreatic		Adenoma	
Kidney	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Mild
Note: NEPHROPATHY TGLs = 5-5+12			
Liver		Degeneration	Cystic, Mild
		Eosinophilic Focus	Moderate
	Bile Duct	Hyperplasia	Mild
		Inflammation	Granulomatous, Focal, Minimal
		Leukemia Mononuclear	
		Necrosis	Minimal
Note: [EOSIN FOCUS] TGLs = 4-4+11			
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
	Perivascular	Infiltration Cellular	Mononuclear Cl, Minimal
Lymph Node	Mandibular	Hyperplasia	Moderate
Note: HYPERPLASIA TGLs = 7-7			
Mammary Gland		Galactoceles	Marked
[Galactoceles TGLs = 2-14]			
Nose	Respirat Epith	Hyperplasia	Mild
		Inflammation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7113

TRT#: 3

SEX: Male

DAY ON TEST: 737

DOSE: 1 MG/M3 MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Respirat Epith

Inflammation

Suppurative, Mild

Metaplasia

Squamous, Mild

Note: THE NASAL TURBINATE IS ADHERED BACK ON ITSELF AND

Note: THE MAXILLARY TURBINATE IS SEVERELY ALTERED AND

Note: ADHERED BACK AGAINST THE LATERAL WALL.

Pituitary Gland

Pars Distalis

Adenoma

Skin

Squamous Cell Papilloma

[Squamous Cell Papilloma TGLS = 1-13]

Spleen

Fibrosis

Minimal

Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 6-4

Stomach

Glandular

Inflammation

Mild

Note: INFLAMMATION TGLs = 8-8

Testes

Interstit Cell

Adenoma

Atrophy

Mild

Perivascular

Inflammation

Mild

Note: SLIDE. RECHECK OF WET TISSUE APPEARS TO BE ONLY

Note: ONE TESTIS WITH A MASS.

Note: THERE IS ONLY ONE TESTIS WITH TUMOR IN IT ON THE

[Adenoma TGLS = 3-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7114

TRT#: 3

SEX: Male

DAY ON TEST: 702

DOSE: 1 MG/M3 MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Eye	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Lung	Lymph Node - Bronchial	Prostate
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Urinary Bladder	

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
Brain		Compression	Mild
[Compression TGLS = 5-1]			
Heart		Inflammation	Chronic, Minimal
Intestine Small	Ileum	Hyperplasia	Lymphoid, Mild
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 2-5		
Liver		Basophilic Focus	Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Granulomatous, Focal, Minimal
Lymph Node	Mandibular	Hyperplasia	Mild
Note: HYPERPLASIA	TGLs = 1-7		
Nose		Inflammation	Minimal
Pancreas	Acinus	Atrophy	Mild
Parathyroid Gland		Adenoma	
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 4-8		
Preputial Gland		Inflammation	Suppurative, Minimal
Salivary Glands	Duct	Hyperplasia	Minimal
Seminal Vesicle		Inflammation	Suppurative, Minimal
Trachea	Epithelium	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroacetophenone (CN)
CAS Number: 532-27-4

Date Report Requested: 10/23/2014
Time Report Requested: 09:51:57
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7114

TRT#: 3

SEX: Male

DAY ON TEST: 702

DOSE: 1 MG/M3 MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Inflammation

Suppurative, Mild

Urin Bladder

Note: THERE IS A PINK HOMOGENEOUS MATERIAL WITHIN THE
Note: SIGINIFICANT LESION, BUT PROBABLY DOES ACCOUNT FOR
Note: TGL 6. IT PROBABLY REPRESENTS SEMI VES FLUID.
Note: URIN BLADDER, HOWEVER, I DO NOT BELIEVE THIS IS A

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7115

TRT#: 3

SEX: Male

DAY ON TEST: 706

DOSE: 1 MG/M3 MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Islets, Pancreatic	Lymph Node - Bronchial
Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland	Pituitary Gland
Preputial Gland	Prostate	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Urinary Bladder	

AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Larynx	Salivary Glands
Thyroid Gland	Trachea		

OBSERVATIONS

Adrenal Gland	Cortex Medulla	Degeneration Pheochromocytoma Benign	Fatty, Mild
Heart	Atrium	Inflammation Thrombosis	Chronic, Minimal Mild
Kidney		Nephropathy	Mild
Liver		Leukocytosis Necrosis	Mild Mild
Note: NECROSIS TGLs = 6-4			
Lung		Infiltration Cellular	Mixed Cell, Moderate
Note: MALIGNANT MESOTHELIOMA, HOWEVER, CODING OF THIS			
Note: THE MEDIASTINAL SPACE SHOWS THE PRESENCE OF			
Note: MIXED CELL INFILTRATE APPEARS TO REPRESENT EXTRA-			
Note: NEOPLASM IN THE MEDIASTINUM IS NOT POSSIBLE. THE			
Note: ACCOUNTS FOR TGL 9.			
Note: MEDULLARY HEM CELL PROL, AND I AM NOT CONVINCED IT			
Mesentery		Mesothelioma Malignant	Metastatic (Testes)
Note: FOR CONVIENCE THE CAVITY SCROTAL DESIGNATION IN			
Note: MESOTHELIO MAL TGLs = 5,7,8-11+12+13			
Note: THE TGL CATAGORY WILL BE CONSIDERED MESENTERY.			
Nose		Inflammation	Suppurative, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7115

TRT#: 3

SEX: Male

DAY ON TEST: 706

DOSE: 1 MG/M3 MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Minimal
	Respirat Epith	Metaplasia	Squamous, Minimal
		Thrombosis	Moderate
Pancreas		Mesothelioma Malignant	Metastatic (Testes)
Note: MESOTHELIO MAL TGLs = 4-4			
Spleen		Hematopoietic Cell Proliferation	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
		Atrophy	Marked
	Tunic	Mesothelioma Malignant	
[Adenoma TGLS = 2-7]			
[Atrophy TGLS = 1-7]			

PRIMARY CAUSE OF DEATH

-

Animal Note: PRIMARY IN THE TESTICULAR TUNIC AND FOR

Animal Note: MULTICENTRIC. IT WILL NOT BE DIAGNOSED IN

Animal Note: EVEN THOUGH THE PROCESS MAY VERY WELL BE A

Animal Note: TO ALL OTHER AREAS. THE SCROTAL AND MESENTERIC

Animal Note: LESIONS WILL BE CONSIDERED METASTATIC MESOTHELIOMA

Animal Note: IS ACTUALLY INVADED.

Animal Note: CINVENTION SAKE IT WILL BE DESIGNATED METASTATIC

Animal Note: THE MALIGNANT MESOTHELIOMA WILL BE CONSIDERED

Animal Note: INDIVIDUAL ORGANS UNLESS THE CAPSULE OF THAT ORGAN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7116

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 1 MG/M3 MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Islets, Pancreatic	Prostate	Skin	Stomach - Forestomach

MISSING

Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland
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AUTO PRECLUDES DIAG.

Intestine Small - Jejunum

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Bilateral, Medulla	Pheochromocytoma Benign	
Bone Marrow		Leukemia Mononuclear	
Brain		Hemorrhage	Marked
		Leukemia Mononuclear	
Note: HEMORRHAGE	TGLs = 3,4-1+11		
Heart		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Note: LEUKEMIA MONUC	TGLs = 6-5		
Larynx		Inflammation	Suppurative, Mild
Liver	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hyperplasia	Focal, Mild
		Leukemia Mononuclear	
		Necrosis	Minimal
Note: [HYPERPLASIA]	TGLs = 5-13		
Lung		Leukemia Mononuclear	
Lymph Node	Bronchial	Leukemia Mononuclear	
Nose	Respirat Epith	Hyperplasia	Minimal
	Respirat Epith	Metaplasia	Squamous, Minimal
Pancreas	Acinus	Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7116

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 1 MG/M3 MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Leukemia Mononuclear	
Preputial Gland		Adenoma	
Note: ADENOMA	TGLs = 1-14		
Salivary Glands	Duct	Hyperplasia	Minimal
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-4		
Stomach	Glandular	Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
		Leukemia Mononuclear	
Note: ADENOMA	TGLs = 7-7		
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Minimal
Trachea		Inflammation	Suppurative, Minimal
Urinary Bladder		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7117

TRT#: 3

SEX: Male

DAY ON TEST: 577

DOSE: 1 MG/M3 MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Pancreas	Parathyroid Gland
Preputial Gland	Prostate	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Bone Marrow		Leukemia Mononuclear	
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Mild
Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
		Necrosis	Minimal
Lung		Leukemia Mononuclear	
Lymph Node	Bronchial	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
Nose	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Suppurative, Minimal
		Thrombosis	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-4]			
Testes	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7118

TRT#: 3

SEX: Male

DAY ON TEST: 737

DOSE: 1 MG/M3 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
Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular	Pancreas
Parathyroid Gland	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex Medulla	Degeneration Pheochromocytoma Benign	Fatty, Mild
Heart		Inflammation	Chronic, Moderate
Kidney		Nephropathy	Moderate
Liver		Basophilic Focus Inflammation	Minimal Granulomatous, Focal, Minimal
Lung	Alveolar Epith Alveolus	Hyperplasia Infiltration Cellular	Marked Histiocyte, Mild
Mammary Gland		Hyperplasia	Mild
Nose	Vomeronas Org	Inflammation Inflammation Inflammation	Suppurative, Minimal Suppurative, Minimal Mild
Pituitary Gland [Adenoma TGLS = 1-8]	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Suppurative, Minimal
Prostate		Inflammation	Suppurative, Minimal
Salivary Glands		Inflammation	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Trachea	Epithelium	Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7119

TRT#: 3

SEX: Male

DAY ON TEST: 716

DOSE: 1 MG/M3 MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Trachea	Urinary Bladder

MISSING

Mammary Gland	Thymus
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INSUFFICIENT TISSUE

Intestine Large - Cecum

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Moderate
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Bone Marrow		Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Note: LEUKEMIA MONUC	TGLs = 4-5+15		
Larynx		Inflammation	Suppurative, Minimal
Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3,10-4+11		
Lung		Hemorrhage	Moderate
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 7-3+13		
Lymph Node	Bronchial	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-7		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7119

TRT#: 3

SEX: Male

DAY ON TEST: 716

DOSE: 1 MG/M3 MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LEUKEMIA MONUC TGLs = 6-12

Note: LEUKEMIA MONUC TGLs = 9-16

Nose

Respirat Epith

Foreign Body

Minimal

Hyperplasia

Minimal

Inflammation

Suppurative, Minimal

Inflammation

Mild

Respirat Epith

Metaplasia

Squamous, Mild

Pancreas

Acinus

Atrophy

Minimal

Pituitary Gland

Pars Distalis

Adenoma

Note: ADENOMA TGLs = 8-8

Preputial Gland

Inflammation

Suppurative, Minimal

Prostate

Inflammation

Suppurative, Minimal

Spleen

Leukemia Mononuclear

Necrosis

Mild

[Necrosis TGLS = 2-14]

Stomach

Glandular

Ectopic Tissue

Glandular

Leukemia Mononuclear

Note: ECT TISSUE TGLs = 13-8

Note: LEUKEMIA MONUC TGLs = 12-8

Testes

Bilateral, Interstit Cell

Adenoma

Note: ADENOMA TGLs = 11-7

Thyroid Gland

C Cell

Carcinoma

Note: CARCINOMA TGLs = 5-2

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7120

TRT#: 3

SEX: Male

DAY ON TEST: 568

DOSE: 1 MG/M3 MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Lymph Node - Bronchial	Pancreas	Parathyroid Gland	Prostate
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Testes	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Epididymis	Esophagus	Lymph Node - Mandibular	Mammary Gland
Thymus			

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
Heart		Inflammation	Chronic, Minimal
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Nephropathy	Mild
Liver		Leukemia Mononuclear	
Lung	Perivascular	Infiltration Cellular	Mononuclear CI, Minimal
Nose	Mucosa	Cyst	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 1-8			
Preputial Gland		Hyperplasia	Moderate
		Inflammation	Suppurative, Marked
Spleen		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7121

TRT#: 3

SEX: Male

DAY ON TEST: 737

DOSE: 1 MG/M3 MALE

DISP: Terminal Sacrifice

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	Lymph Node - Bronchial	Pancreas	Parathyroid Gland
Prostate	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Testes	Trachea	

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
	Cortex	Degeneration	Fatty, Minimal
Heart		Inflammation	Chronic, Moderate
Kidney		Nephropathy	Moderate
Larynx		Inflammation	Suppurative, Mild
Liver		Basophilic Focus	Minimal
		Inflammation	Granulomatous, Focal, Minimal
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mandibular	Hyperplasia	Mild
Mammary Gland		Galactoceles	Minimal
Nose	Vomeronas Org	Inflammation	Suppurative, Minimal
		Inflammation	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Suppurative, Mild
[Inflammation TGLS = 1-7]			
Salivary Glands	Duct	Hyperplasia	Mild
		Inflammation	Mild
Thyroid Gland	Follicular Cel	Adenocarcinoma	
Urinary Bladder	Transit Epithe	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7122

TRT#: 3

SEX: Male

DAY ON TEST: 737

DOSE: 1 MG/M3 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
Larynx	Lymph Node - Bronchial	Pancreas	Parathyroid Gland
Prostate	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex Medulla	Degeneration Hyperplasia	Fatty, Mild Moderate
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 2-5+11			
Liver		Basophilic Focus Hepatodiaphragmatic Nodule	Minimal
[Hepatodiaphragmatic Nodule TGLS = 1-12]			
Lung		Inflammation	Chronic, Focal, Minimal
Lymph Node	Mandibular	Hyperplasia	Minimal
Nose	Respirat Epith	Hyperplasia Inflammation Inflammation	Minimal Mild Suppurative, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 3-8			
Preputial Gland		Inflammation	Suppurative, Moderate
Salivary Glands	Duct	Hyperplasia	Minimal
Testes	Interstit Cell	Adenoma Atrophy	Marked
	Perivascular	Inflammation	Moderate
	Tunic	Mesothelioma Benign	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7122

TRT#: 3

SEX: Male

DAY ON TEST: 737

DOSE: 1 MG/M3 MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 4,5-7

Trachea

Inflammation

Suppurative, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7123

TRT#: 3

SEX: Male

DAY ON TEST: 700

DOSE: 1 MG/M3 MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Lymph Node - Bronchial	Lymph Node - Mandibular	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland

AUTO PRECLUDES DIAG.

Intestine Small - Ileum	Intestine Small - Jejunum
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Moderate
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Bone Marrow		Myelofibrosis	Mild
Heart		Inflammation	Chronic, Mild
Islets, Pancreatic		Adenoma	
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 4-5			
Larynx		Inflammation	Suppurative, Marked
Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 7-4			
Lung		Congestion	Moderate
		Leukemia Mononuclear	
		Squamous Cell Carcinoma	Metastatic (Skin)
Note: CONGESTION TGLs = 5-3			
Nose		Inflammation	Suppurative, Marked
	Respirat Epith	Metaplasia	Squamous, Minimal
Note: THERE APPEARS TO BE A MARKED INFLAMMATORY			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7123

TRT#: 3

SEX: Male

DAY ON TEST: 700

DOSE: 1 MG/M3 MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: REACTION NEXT TO ONE TOOTH ON THE MIDDLE SECTION
Note: OF THE NOSE.

Pancreas	Acinus	Atrophy	Mild
Parathyroid Gland		Adenoma	
Skin		Squamous Cell Carcinoma	

Note: INTO THE LUNG. I BELIEVE THIS IS PROBABLY MORE
 Note: FEASIBLE THAN HAVING THE MIXED SQUAM CELL CARC
 Note: AND SARCOMA. THIS TUMOR ALSO HAS MARKED OSSEOUS
 Note: AND IN SOME AREAS MARKED CARTILAGINOUS METAPLASIA.
 Note: SQUAM CEL CARC TGLs = 1-12+13+14+15
 Note: IN AREAS THIS SQUAM CELL CARC IS FAIRLY WELL
 Note: DIFFERENTIATED, HOWEVER, IT APPEARS TO UNDER GO
 Note: MARKED ANAPLASIA FORMING A PROMINENT SPINDAL
 Note: CELL COMPONENT WHICH IS APPARENTLY METASTASIZING

Spleen		Fibrosis	Moderate
		Leukemia Mononuclear	

[Leukemia Mononuclear TGLs = 8-4]

Stomach	Glandular	Erosion	Moderate
	Forestomach	Inflammation	Minimal
	Forestomach	Ulcer	Moderate

Note: ULCER TGLs = 3-8
 Note: EROSION TGLs = 3-8

Testes	Bilateral, Interstit Cell	Adenoma	
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Note: ADENOMA TGLs = 2-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7124

TRT#: 3

SEX: Male

DAY ON TEST: 617

DOSE: 1 MG/M3 MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Pancreas	Parathyroid Gland	Preputial Gland	Prostate
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Bone Marrow		Leukemia Mononuclear	
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Mild
Larynx		Inflammation	Suppurative, Minimal
Liver		Angiectasis	Minimal
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Bronchial	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
Nose		Inflammation	Suppurative, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Salivary Glands	Duct	Hyperplasia	Minimal
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-4		
Testes	Interstit Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7125

TRT#: 3

SEX: Male

DAY ON TEST: 505

DOSE: 1 MG/M3 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	Lymph Node - Bronchial
Lymph Node - Mandibular	Pancreas	Parathyroid Gland	Prostate
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Mild
Liver		Hematopoietic Cell Proliferation	Mild
	Bile Duct	Hyperplasia	Minimal
Lung	Alveolar Epith	Hyperplasia	Minimal
Mammary Gland		Hyperplasia	Minimal
Nose		Inflammation	Suppurative, Minimal
		Inflammation	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Preputial Gland		Inflammation	Suppurative, Mild
Spleen		Hematopoietic Cell Proliferation	Mild
Testes	Bilateral, Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7126

TRT#: 3

SEX: Male

DAY ON TEST: 570

DOSE: 1 MG/M3 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	Larynx
Lymph Node - Bronchial	Nose	Pancreas	Salivary Glands
Stomach - Forestomach	Stomach - Glandular	Testes	Thyroid Gland
Urinary Bladder			

MISSING

Mammary Gland	Parathyroid Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Heart		Inflammation	Chronic, Mild
Islets, Pancreatic		Adenoma	Multiple
Kidney		Nephropathy	Mild
Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Leukemia Mononuclear	
Note: [ADENOMA] TGLs = 3-8			
Preputial Gland		Cyst	
Note: CYST TGLs = 1-7			
Prostate		Inflammation	Suppurative, Minimal
Skin	Subcut Tiss	Inflammation	Suppurative, Mild
Note: SECTION BY THE LIP.			
Note: THE SKIN LESION IS PRESENT ON THE FIRST NASAL			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-4			
Trachea	Epithelium	Metaplasia	Squamous, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroacetophenone (CN)
CAS Number: 532-27-4

Date Report Requested: 10/23/2014
Time Report Requested: 09:51:57
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7126

TRT#: 3

SEX: Male

DAY ON TEST: 570

DOSE: 1 MG/M3 MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7127

TRT#: 3

SEX: Male

DAY ON TEST: 706

DOSE: 1 MG/M3 MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Epididymis	Esophagus	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Nose	Pancreas	Parathyroid Gland	Preputial Gland
Prostate	Skin	Stomach - Forestomach	Thymus
Thyroid Gland	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Bone Marrow		Leukemia Mononuclear	
Brain		Hemorrhage	Mild
		Leukemia Mononuclear	
Note: HEMORRHAGE	TGLs = 5-1		
Heart		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
Intestine Large	Cecum	Parasite Metazoan	
Islets, Pancreatic		Adenoma	
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Note: LEUKEMIA MONUC	TGLs = 6-5		
Larynx		Inflammation	Suppurative, Mild
Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Lung	Bronchiole, Epithelium	Hyperplasia	Minimal
	Bronchiole	Inflammation	Suppurative, Minimal
		Inflammation	Chronic, Focal, Moderate
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7127

TRT#: 3

SEX: Male

DAY ON TEST: 706

DOSE: 1 MG/M3 MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LEUKEMIA MONUC TGLs = 2,3-3+11

Lymph Node	Bronchial	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Leukemia Mononuclear	

Note: ADENOMA TGLs = 4-8

Salivary Glands	Duct	Hyperplasia	Minimal
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-12]			
Stomach	Glandular	Inflammation	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7128

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 1 MG/M3 MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	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 - Mandibular
Nose	Preputial Gland	Prostate	Salivary Glands
Skin	Thymus	Trachea	

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Bilateral, Medulla	Pheochromocytoma Benign	
Bone Marrow		Leukemia Mononuclear	
		Myelofibrosis	Moderate
Heart		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Note: LEUKEMIA MONUC TGLs = 9-5+14			
Larynx		Inflammation	Suppurative, Minimal
Liver		Angiectasis	Mild
		Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
		Necrosis	Moderate

Note: NECROSIS TGLs = 8-12

Note: LEUKEMIA MONUC TGLs = 7-4+12

Note: VASCULAR THROMBOSIS IN INFARCTION.

Note: WITHIN THE LARGE NECROTIC AREA THERE IS HEAVY

Note: FIBRIN DEPOSITION AND HEMORRHAGE. SIMILAR TO,

Note: LIKE A HEMORRHAGIC INFARCT OR THE RESULTS OF THE

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7128

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 1 MG/M3 MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Lung		Hemorrhage Inflammation Leukemia Mononuclear	Minimal Chronic, Focal, Mild
Note: LEUKEMIA MONUC	TGLs = 10,13-3+11		
Lymph Node	Bronchial	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Mild
Mesentery	Fat	Inflammation Leukemia Mononuclear	Chronic, Mild
Note: LEUKEMIA MONUC	TGLs = 12-15		
Pancreas		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 6-13		
Pituitary Gland	Pars Distalis	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 11-8		
Spleen		Fibrosis Leukemia Mononuclear Necrosis	Mild Minimal
Note: OF THE SPLEEN AS WELL AS ON THE SPLEEN CAPSULE.			
Note: LEUKEMIA MONUC	TGLs = 4-13		
Note: FIBROSIS	TGLs = 5-13		
Note: THE FIBROSIS IS SCATERED THROUGH THE PARENCHYMA			
Stomach	Glandular Forestomach Glandular	Inflammation Leukemia Mononuclear Leukemia Mononuclear	Mild
Note: LEUKEMIA MONUC	TGLs = 14-8		
Note: INFLAMMATION	TGLs = 15-8		
Testes	Bilateral, Interstit Cell	Adenoma Atrophy	Marked
Note: ATROPHY	TGLs = 3-7		
Note: ADENOMA	TGLs = 2-7		
Thyroid Gland		Leukemia Mononuclear	
Urinary Bladder		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroacetophenone (CN)
CAS Number: 532-27-4

Date Report Requested: 10/23/2014
Time Report Requested: 09:51:57
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7128

TRT#: 3

SEX: Male

DAY ON TEST: 731

DOSE: 1 MG/M3 MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7129

TRT#: 3

SEX: Male

DAY ON TEST: 261

DOSE: 1 MG/M3 MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain	Esophagus	Islets, Pancreatic	Lymph Node - Bronchial
Lymph Node - Mandibular	Mammary Gland	Pancreas	Pituitary Gland
Prostate	Salivary Glands	Skin	Testes
Trachea	Urinary Bladder		

MISSING

Epididymis	Intestine Large - Cecum	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
Kidney	Larynx	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	

OBSERVATIONS

Bone	Femur	Osteosarcoma	
Note: OSTEOSARC	TGLs = 3-13+14+15		
Heart		Inflammation	Chronic, Minimal
Liver		Necrosis	Moderate
Note: NECROSIS	TGLs = 2-4		
Lung		Leukocytosis	Moderate
		Osteosarcoma	Metastatic (Bone)
[Leukocytosis TGLS = 1-3]			
Nose	Respirat Epith	Hyperplasia	Mild
Preputial Gland		Inflammation	Suppurative, Mild
Note: INFLAMMATION	TGLs = 4-11		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7130

TRT#: 3

SEX: Male

DAY ON TEST: 605

DOSE: 1 MG/M3 MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Parathyroid Gland
Preputial Gland	Prostate	Salivary Glands	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	

MISSING

Mammary Gland	Skin
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OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
	Medulla	Hyperplasia	Minimal
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Brain		Hemorrhage	Mild
		Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Intestine Large	Colon	Hyperplasia	Lymphoid, Mild
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Bronchial	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
Nose		Inflammation	Mild
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
	Pars Distalis	Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
		[Leukemia Mononuclear TGLS = 1-11]	
Testes	Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7130

TRT#: 3

SEX: Male

DAY ON TEST: 605

DOSE: 1 MG/M3 MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus

Leukemia Mononuclear

Urinary Bladder

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7131

TRT#: 3

SEX: Male

DAY ON TEST: 737

DOSE: 1 MG/M3 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 - Jejunum	Islets, Pancreatic
Larynx	Lung	Lymph Node - Bronchial	Lymph Node - Mandibular
Pancreas	Prostate	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

MISSING

Parathyroid Gland

INSUFFICIENT TISSUE

Mammary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart		Inflammation	Chronic, Mild
Intestine Small	Ileum	Hyperplasia	Lymphoid, Mild
Kidney		Nephropathy	Moderate
Liver		Basophilic Focus	Minimal
		Degeneration	Cystic, Mild
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Granulomatous, Focal, Minimal
Nose		Inflammation	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Preputial Gland		Inflammation	Suppurative, Mild
	[Inflammation TGLS = 1-7]		
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 2,3-7		
Thyroid Gland	C Cell	Hyperplasia	Mild
	Follicular Cel	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7132

TRT#: 3

SEX: Male

DAY ON TEST: 737

DOSE: 1 MG/M3 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
Larynx	Lymph Node - Bronchial	Pancreas	Preputial Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

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

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
	Medulla	Hyperplasia	Mild
Eye		Sarcoma	
Note: [SARCOMA] TGLs = 1-11			
Heart		Inflammation	Chronic, Moderate
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Minimal
		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Granulomatous, Focal, Minimal
Lung		Sarcoma	Metastatic (Eye)
Lymph Node	Mandibular	Hyperplasia	Moderate
Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
		Inflammation	Mild
		Inflammation	Suppurative, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Prostate		Inflammation	Suppurative, Mild
Testes	Bilateral, Interstit Cell	Adenoma	
[Adenoma TGLS = 2-7]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroacetophenone (CN)
CAS Number: 532-27-4

Date Report Requested: 10/23/2014
Time Report Requested: 09:51:57
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7132

TRT#: 3

SEX: Male

DAY ON TEST: 737

DOSE: 1 MG/M3 MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7133

TRT#: 3

SEX: Male

DAY ON TEST: 737

DOSE: 1 MG/M3 MALE

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 - Jejunum	Islets, Pancreatic	Larynx
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

MISSING

Epididymis	Mammary Gland
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INSUFFICIENT TISSUE

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
	Cortex	Hematopoietic Cell Proliferation	Minimal
Heart		Inflammation	Chronic, Minimal
Intestine Small	Ileum	Hyperplasia	Lymphoid, Mild
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Liver		Basophilic Focus	Minimal
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Bronchial	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
Nose		Inflammation	Mild
Pancreas	Acinus	Atrophy	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Adenoma	
Prostate		Inflammation	Suppurative, Minimal
Salivary Glands	Duct	Hyperplasia	Minimal
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7133

TRT#: 3

SEX: Male

DAY ON TEST: 737

DOSE: 1 MG/M3 MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland

C Cell

Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7134

TRT#: 3

SEX: Male

DAY ON TEST: 561

DOSE: 1 MG/M3 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
Lymph Node - Bronchial	Pancreas	Parathyroid Gland	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

MISSING

Epididymis	Mammary Gland	Preputial Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Minimal
Larynx		Inflammation	Suppurative, Minimal
Liver		Hematopoietic Cell Proliferation	Minimal
Lung	Perivascular	Infiltration Cellular	Mononuclear Cl, Minimal
		Inflammation	Chronic, Focal, Minimal
Lymph Node	Mandibular	Hyperplasia	Mild
Nose		Inflammation	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Prostate		Inflammation	Suppurative, Minimal
Salivary Glands		Inflammation	Minimal
Skin	Subcut Tiss	Fibroma	
	Prepuce	Inflammation	Suppurative, Mild
	[Fibroma TGLS = 1-11]		
Spleen		Hematopoietic Cell Proliferation	Mild
Testes	Interstit Cell	Adenoma	
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7135

TRT#: 3

SEX: Male

DAY ON TEST: 737

DOSE: 1 MG/M3 MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Liver
Lung	Lymph Node - Bronchial	Pancreas	Parathyroid Gland
Preputial Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex Medulla	Degeneration Pheochromocytoma Benign	Fatty, Minimal
Heart		Inflammation	Chronic, Mild
Intestine Large	Colon	Parasite Metazoan	
Intestine Small	Ileum	Hyperplasia	Lymphoid, Mild
Kidney		Nephropathy	Moderate
Lymph Node	Mandibular	Hyperplasia	Mild
Mammary Gland		Adenocarcinoma	
[Adenocarcinoma TGLS = 1-11]			
Nose	Respirat Epith	Hyperplasia Inflammation Inflammation	Minimal Suppurative, Minimal Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-8]			
Prostate		Inflammation	Suppurative, Mild
Testes	Interstit Cell	Adenoma	
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7136

TRT#: 3

SEX: Male

DAY ON TEST: 449

DOSE: 1 MG/M3 MALE

DISP: Moribund

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 - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Bronchial	Pancreas	Preputial Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	

MISSING

Intestine Large - Cecum	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Focal Cellular Change	Minimal
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Moderate
Larynx		Inflammation	Suppurative, Minimal
Liver		Degeneration	Fatty, Mild
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mandibular	Hyperplasia	Mild
Mammary Gland		Hyperplasia	Mild
Nose	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Minimal
		Inflammation	Suppurative, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 1-8			
Stomach	Forestomach	Hyperplasia	Squamous, Mild
Testes		Atrophy	Marked
Urinary Bladder	Transit Epithe	Hyperplasia	Mild
		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7137

TRT#: 3

SEX: Male

DAY ON TEST: 737

DOSE: 1 MG/M3 MALE

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 Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Lymph Node - Bronchial	Pancreas	Parathyroid Gland	Preputial Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

MISSING

Epididymis	Intestine Large - Rectum	Lymph Node - Mandibular	Mammary Gland
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INSUFFICIENT TISSUE

Prostate

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
Heart		Inflammation	Chronic, Mild
Kidney	Renal Tubule	Hyperplasia	Mild
		Nephropathy	Mild
Liver		Hematopoietic Cell Proliferation	Minimal
		Hepatodiaphragmatic Nodule	
		Inflammation	Granulomatous, Focal, Minimal
Note: ANOM HEPAT LOB TGLs = 4-12			
Lung	Alveolar Epith Alveolus	Hyperplasia Infiltration Cellular	Mild Histiocyte, Minimal
Nose		Inflammation Inflammation	Suppurative, Minimal Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1,2-11			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7138

TRT#: 3

SEX: Male

DAY ON TEST: 631

DOSE: 1 MG/M3 MALE

DISP: Moribund

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	Lymph Node - Bronchial	Salivary Glands	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Urinary Bladder

MISSING

Lymph Node - Mandibular	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
	Cortex	Focal Cellular Change	Minimal
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Moderate
Larynx		Metaplasia	Squamous, Minimal
Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Granulomatous, Focal, Minimal
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Mammary Gland		Galactocele	Mild
Nose	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Mild
		Inflammation	Suppurative, Minimal
	Olfactory Epi	Metaplasia	Minimal

Note: THE OLFACTORY EPITHELIUM ON THE 3RD NASAL SECTION

Note: EXUDATE.

Note: IS AFFECTED. THERE IS METAPLASIA TO RESPIRATORY

Note: EPITHELIUM BENEATH THE SMALL FOCUS OF SUPPURATIVE

Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA]	TGLs = 2-8		
Preputial Gland		Adenoma	
Note: ADENOMA	TGLs = 1-12		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7138

TRT#: 3

SEX: Male

DAY ON TEST: 631

DOSE: 1 MG/M3 MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Prostate		Inflammation	Suppurative, Mild
Skin		Keratoacanthoma	
Note: KERATOACANTHOMA	TGLs = 3-11		
Spleen		Fibrosis	Minimal
Testes	Interstit Cell	Hyperplasia	Mild
Trachea	Epithelium	Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH

-

Animal Note: LESION IS ON SLIDE 11 RATHER THAN SLIDE 12 AS

Animal Note: INDICATED ON PEIS FORM.

Animal Note: THE PREPUTIAL GL LESION IS ON SLIDE 12 RATHER

Animal Note: SLIDE 11 AS INDICATED ON PEIS FORM. THE SKIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7139

TRT#: 3

SEX: Male

DAY ON TEST: 737

DOSE: 1 MG/M3 MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Large - Cecum	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Liver	Lung	Lymph Node - Bronchial
Lymph Node - Mandibular	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hematopoietic Cell Proliferation	Minimal
Heart		Inflammation	Chronic, Mild
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 5-5		
Nose		Inflammation	Suppurative, Minimal
		Inflammation	Mild
Pituitary Gland	Pars Distalis	Cyst	
	Pars Distalis	Hyperplasia	Mild
		Adenoma	
Preputial Gland			
Note: ADENOMA	TGLs = 1-7		
Prostate		Inflammation	Suppurative, Mild
Spleen		Fibrosis	Moderate
		[Fibrosis TGLS = 4-4]	
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 2,3-11		
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7140

TRT#: 3

SEX: Male

DAY ON TEST: 672

DOSE: 1 MG/M3 MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Intestine Small - Duodenum	Islets, Pancreatic
Pancreas	Salivary Glands	Skin	Stomach - Forestomach
Urinary Bladder			

MISSING

Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland
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AUTO PRECLUDES DIAG.

Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum	Intestine Small - Jejunum
Lymph Node - Bronchial	Thymus	Thyroid Gland	Trachea

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Hematopoietic Cell Proliferation	Mild
	Cortex	Leukemia Mononuclear	
Heart		Inflammation	Chronic, Mild
Intestine Large	Cecum	Parasite Metazoan	
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 5-5			
Larynx		Inflammation	Suppurative, Minimal
Liver		Basophilic Focus	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
Note: PERHAPS WHAT WAS SEEN ON TGL 6 WAS AN AREA OF			
Note: LEUKEMIA MONUC TGLs = 6-4+11			
Note: AUTOLYTIC TISSUE.			
Lung		Leukemia Mononuclear	
Nose		Inflammation	Minimal
		Inflammation	Suppurative, Minimal
	Respirat Epith	Metaplasia	Squamous, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Suppurative, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7140

TRT#: 3

SEX: Male

DAY ON TEST: 672

DOSE: 1 MG/M3 MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Prostate		Inflammation	Suppurative, Minimal
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 4-12]			
Stomach	Glandular	Ulcer	Mild
Note: ULCER	TGLs = 7-8		
Testes	Interstit Cell	Adenoma	
		Atrophy	Mild
Note: ATROPHY	TGLs = 1-7		
Note: ADENOMA	TGLs = 2,3-7		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7141

TRT#: 3

SEX: Male

DAY ON TEST: 559

DOSE: 1 MG/M3 MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Pituitary Gland	Preputial Gland	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

MISSING

Epididymis	Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
Brain		Hemorrhage	Mild
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Mild
Liver		Hematopoietic Cell Proliferation	Mild
		Inflammation	Granulomatous, Focal, Minimal
Lung	Perivascular	Infiltration Cellular	Mononuclear CI, Minimal
		Thrombosis	Mild
Lymph Node	Mandibular	Angiectasis	Mild
	Bronchial	Congestion	Moderate
	Mandibular	Hyperplasia	Moderate
Note: CONGESTION	TGLs = 2-2		
Note: HYPERPLASIA	TGLs = 1-7		
Nose	Vomeronas Org	Inflammation	Suppurative, Mild
		Inflammation	Suppurative, Minimal
Pancreas	Acinus	Atrophy	Mild
Prostate		Inflammation	Suppurative, Mild
Salivary Glands	Duct	Hyperplasia	Minimal
Testes	Interstit Cell	Adenoma	
Thyroid Gland	C Cell	Adenoma	
Zymbal's Gland		Carcinoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroacetophenone (CN)
CAS Number: 532-27-4

Date Report Requested: 10/23/2014
Time Report Requested: 09:51:57
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7141

TRT#: 3

SEX: Male

DAY ON TEST: 559

DOSE: 1 MG/M3 MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: CARCINOMA TGLs = 3-11

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7142

TRT#: 3

SEX: Male

DAY ON TEST: 737

DOSE: 1 MG/M3 MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Intestine Large - Rectum

INSUFFICIENT TISSUE

Intestine Large - Cecum

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Medulla	Hyperplasia	Mild
	Medulla	Pheochromocytoma Benign	
Heart		Inflammation	Chronic, Mild
Intestine Small	Ileum	Parasite Metazoan	
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Granulomatous, Focal, Minimal
Lung		Leukocytosis	Mild
Nose		Inflammation	Suppurative, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Carcinoma	
	[Carcinoma TGLS = 1-11]		
Prostate	Epithelium	Hyperplasia	Minimal
Skin		Acanthosis	Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
	[Adenoma TGLS = 2-7]		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroacetophenone (CN)
CAS Number: 532-27-4

Date Report Requested: 10/23/2014
Time Report Requested: 09:51:57
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7142

TRT#: 3

SEX: Male

DAY ON TEST: 737

DOSE: 1 MG/M3 MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7143

TRT#: 3

SEX: Male

DAY ON TEST: 737

DOSE: 1 MG/M3 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 - Jejunum	Islets, Pancreatic
Larynx	Lymph Node - Bronchial	Mammary Gland	Parathyroid Gland
Prostate	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Malignant	
[Pheochromocytoma Malignant TGLS = 2-5]			
Heart		Inflammation	Chronic, Moderate
Intestine Small	Ileum	Hyperplasia	Lymphoid, Moderate
Kidney		Nephropathy	Mild
Liver		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Granulomatous, Focal, Minimal
Lung	Perivascular	Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic, Focal, Minimal
Lymph Node	Mandibular	Hyperplasia	Mild
Nose		Inflammation	Minimal
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 3-8]			
Preputial Gland		Adenoma	
[Adenoma TGLS = 1-11]			
Salivary Glands	Duct	Hyperplasia	Minimal
Skin		Acanthosis	Mild
Spleen		Fibrosis	Minimal
Testes	Interstit Cell	Adenoma	
		Atrophy	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7144

TRT#: 3

SEX: Male

DAY ON TEST: 737

DOSE: 1 MG/M3 MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Larynx	Preputial Gland	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

MISSING

Epididymis	Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild	
	Cortex	Hyperplasia	Moderate	
	Cortex	Leukemia Mononuclear		
	Medulla	Leukemia Mononuclear		
	Medulla	Pheochromocytoma Benign		
Bone Marrow		Leukemia Mononuclear		
Heart		Inflammation	Chronic, Mild	
		Leukemia Mononuclear		
Islets, Pancreatic		Hyperplasia	Minimal	
		Leukemia Mononuclear		
Kidney		Nephropathy	Mild	
		Basophilic Focus	Mild	
	Bile Duct		Hyperplasia	Minimal
			Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-4]				
Lung		Leukemia Mononuclear		
Lymph Node	Bronchial	Leukemia Mononuclear		
	Mandibular	Leukemia Mononuclear		
	Respirat Epith	Hyperplasia	Mild	
Nose		Inflammation	Suppurative, Mild	
		Inflammation	Moderate	
		Atrophy	Minimal	
Pancreas	Acinus			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7144

TRT#: 3

SEX: Male

DAY ON TEST: 737

DOSE: 1 MG/M3 MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland	Pars Distalis	Adenoma	
Prostate		Inflammation	Suppurative, Minimal
Salivary Glands	Duct	Hyperplasia	Mild
		Inflammation	Mild
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7145

TRT#: 3

SEX: Male

DAY ON TEST: 639

DOSE: 1 MG/M3 MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Bronchial	Lymph Node - Mandibular
Pancreas	Parathyroid Gland	Skin	Spleen
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland

AUTO PRECLUDES DIAG.

Intestine Small - Ileum

PRESENT BUT NOT EXAMINED

Preputial Gland

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
	Medulla	Hyperplasia	Mild
Heart		Inflammation	Chronic, Minimal
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Moderate
Larynx		Inflammation	Suppurative, Minimal
Liver	Bile Duct	Degeneration	Fatty, Minimal
		Hyperplasia	Minimal
		Inflammation	Granulomatous, Focal, Mild
Lung		Congestion	Moderate
Note: CONGESTION	TGLs = 1-3		
Nose		Inflammation	Suppurative, Minimal
		Inflammation	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA]	TGLs = 2-8		
Prostate		Inflammation	Suppurative, Minimal
Salivary Glands	Duct	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7145

TRT#: 3

SEX: Male

DAY ON TEST: 639

DOSE: 1 MG/M3 MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Seminal Vesicle		Inflammation	Suppurative, Minimal
Stomach	Forestomach	Hyperplasia	Squamous, Minimal
	Glandular	Inflammation	Mild
	[Hyperplasia TGLS = 6-8]		
Testes	Interstitial Cell	Hyperplasia	Mild
Urin Bladder			

Note: THE URINARY BLADDER CONTAINS A PINK HOMOGENEOUS

Note: PROTEINACEOUS LIKE FLUID WHICH PROBABLY ACCOUNTS

Note: INSIGNIFICANT FINDING AND WILL NOT BE RECORDED

Note: OTHER THAN IN THIS NOTE.

Note: FOR TGL-5. HOWEVER IT IS CONSIDERED AN

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7146

TRT#: 3

SEX: Male

DAY ON TEST: 737

DOSE: 1 MG/M3 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 - Jejunum	Islets, Pancreatic	Larynx	Preputial Gland
Skin	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea			

MISSING

Epididymis

INSUFFICIENT TISSUE

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
	Cortex	Degeneration	Fatty, Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Bilateral, Medulla	Pheochromocytoma Benign	
Heart		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
Intestine Small	Ileum	Hyperplasia	Lymphoid, Minimal
Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 8-5		
Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 7-4]			
Lung		Inflammation	Chronic, Focal, Minimal
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 6-3		
Lymph Node	Bronchial	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-7		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7146

TRT#: 3

SEX: Male

DAY ON TEST: 737

DOSE: 1 MG/M3 MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Mammary Gland			Fibroadenoma	
Note: FIBROADENOMA	TGLs = 5-11			
Nose	Respirat Epith		Hyperplasia	Mild
			Inflammation	Suppurative, Minimal
			Leukemia Mononuclear	
	Respirat Epith		Metaplasia	Squamous, Minimal
Pancreas			Leukemia Mononuclear	
Pituitary Gland	Pars Distalis		Hyperplasia	Moderate
	Pars Distalis		Leukemia Mononuclear	
Prostate	Epithelium		Hyperplasia	Minimal
			Inflammation	Suppurative, Mild
Salivary Glands	Duct		Hyperplasia	Minimal
			Inflammation	Minimal
Spleen			Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 2-4]				
Testes	Bilateral, Interstit Cell		Adenoma	
			Atrophy	Moderate
Note: ADENOMA	TGLs = 4-7			
Note: ATROPHY	TGLs = 3-7			
Thymus			Leukemia Mononuclear	
Urinary Bladder			Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7147

TRT#: 3

SEX: Male

DAY ON TEST: 737

DOSE: 1 MG/M3 MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Epididymis
Intestine Small - Ileum
Lymph Node - Bronchial
Prostate
Stomach - Glandular
Urinary Bladder

Bone
Esophagus
Intestine Small - Jejunum
Lymph Node - Mandibular
Salivary Glands
Thymus

Bone Marrow
Intestine Large - Cecum
Islets, Pancreatic
Parathyroid Gland
Skin
Thyroid Gland

Brain
Intestine Large - Colon
Larynx
Preputial Gland
Stomach - Forestomach
Trachea

MISSING

Mammary Gland

INSUFFICIENT TISSUE

Intestine Large - Rectum

Intestine Small - Duodenum

OBSERVATIONS

Adrenal Gland
Heart
Kidney
Liver

Cortex

Degeneration
Inflammation
Nephropathy
Angiectasis
Basophilic Focus
Inflammation
Alveolar/Bronchiolar Adenoma

Fatty, Minimal
Chronic, Moderate
Mild
Minimal
Mild
Granulomatous, Focal, Mild

Lung
Note: ALV BRON ADEN TGLs = 2-3+11
Nose

Inflammation
Inflammation

Suppurative, Minimal
Mild

Pancreas
Pituitary Gland
Spleen

Acinus
Pars Distalis

Atrophy
Adenoma
Fibrosis

Minimal
Mild

Note: FIBROSIS TGLs = 1-12
Testes

Interstit Cell

Hyperplasia

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7148

TRT#: 3

SEX: Male

DAY ON TEST: 596

DOSE: 1 MG/M3 MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Intestine Large - Rectum	Intestine Small - Ileum	Islets, Pancreatic
Pancreas	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Urinary Bladder			

MISSING

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

AUTO PRECLUDES DIAG.

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

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
Brain		Hemorrhage	Mild
Heart		Inflammation	Chronic, Mild
	Atrium	Thrombosis	Mild
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Mild
Larynx		Metaplasia	Squamous, Minimal
Liver		Basophilic Focus	Minimal
		Inflammation	Granulomatous, Focal, Minimal
Lung		Congestion	Moderate
		Inflammation	Chronic, Focal, Minimal
Lymph Node	Mandibular	Hyperplasia	Mild
	Bronchial	Inflammation	Granulomatous, Minimal
Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
		Inflammation	Mild
		Inflammation	Suppurative, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 2-8		
Preputial Gland		Cyst	
Note: CYST	TGLs = 1-7		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7148

TRT#: 3

SEX: Male

DAY ON TEST: 596

DOSE: 1 MG/M3 MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Prostate		Inflammation	Suppurative, Mild
Testes	Interstit Cell	Hyperplasia	Mild
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7149

TRT#: 3

SEX: Male

DAY ON TEST: 737

DOSE: 1 MG/M3 MALE

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	Lymph Node - Bronchial	Mammary Gland	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Epididymis

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Heart		Inflammation	Chronic, Minimal
Kidney	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Moderate
Liver		Basophilic Focus	Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Granulomatous, Focal, Minimal
Lung		Hemorrhage	Minimal
	Perivascular	Infiltration Cellular	Mononuclear CI, Minimal
Lymph Node	Mandibular	Hyperplasia	Minimal
Nose	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Suppurative, Mild
		Inflammation	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Suppurative, Minimal
Prostate		Inflammation	Suppurative, Mild
Testes	Bilateral, Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7150

TRT#: 3

SEX: Male

DAY ON TEST: 737

DOSE: 1 MG/M3 MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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	Pancreas	Parathyroid Gland	Prostate
Skin	Stomach - Forestomach	Stomach - Glandular	Trachea
Urinary Bladder			

MISSING

Mammary Gland	Thymus
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INSUFFICIENT TISSUE

Epididymis

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Heart		Inflammation	Chronic, Mild
Intestine Large	Cecum	Parasite Metazoan	
Kidney		Leukemia Mononuclear	
		Nephropathy	Marked
[Leukemia Mononuclear TGLS = 1-5+11]			
Liver		Angiectasis	Minimal
		Basophilic Focus	Minimal
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Hyperplasia	Mild
Nose	Respirat Epith	Hyperplasia	Mild
	Nasolacrim Dct	Inflammation	Suppurative, Mild
		Inflammation	Mild
		Inflammation	Suppurative, Minimal
Pituitary Gland	Respirat Epith	Metaplasia	Squamous, Minimal
Note: [ADENOMA] TGLs = 2-8	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7150

TRT#: 3

SEX: Male

DAY ON TEST: 737

DOSE: 1 MG/M3 MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland

Duct

Hyperplasia

Mild

Inflammation

Suppurative, Mild

Salivary Glands

Duct

Hyperplasia

Minimal

Spleen

Ectopic Tissue

Leukemia Mononuclear

Note: FORMATION.

Note: THE ECTOPIC TISSUE CONSISTS OF EXCESSORY SPLEEN

[Leukemia Mononuclear TGLS = 3-4]

Testes

Bilateral, Interstit Cell

Adenoma

Thyroid Gland

C Cell

Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8101

TRT#: 5

SEX: Male

DAY ON TEST: 546

DOSE: 2 MG/M3 MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Intestine Large - Rectum	Larynx	Parathyroid Gland	Preputial Gland
Prostate	Salivary Glands	Skin	Stomach - Forestomach
Urinary Bladder			

MISSING

Lymph Node - Mandibular	Mammary Gland
-------------------------	---------------

AUTO PRECLUDES DIAG.

Epididymis	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Bronchial
Pancreas	Spleen	Stomach - Glandular	Thymus
Thyroid Gland	Trachea		

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Marked
	Medulla	Pheochromocytoma Benign	
Note: DEGEN TGLs = 3-5+11			
Eye	Lens	Degeneration	Mild
Heart		Inflammation	Chronic, Minimal
Kidney	Renal Tubule	Inflammation	Suppurative, Minimal
		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 2-5+11			
Liver		Degeneration	Fatty, Moderate
Note: DEGEN TGLs = 1-4			
Lung		Congestion	Marked
	Alveolus	Inflammation	Suppurative, Mild
	Bronchus	Inflammation	Suppurative, Moderate
Nose	Respirat Epith	Hyperplasia	Mild
		Inflammation	Suppurative, Marked
	Respirat Epith	Metaplasia	Squamous, Mild
Note: MOST ANTERIOR NASAL SECTION IS MOST AFFECTED.			
Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8101

TRT#: 5

SEX: Male

DAY ON TEST: 546

DOSE: 2 MG/M3 MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 4-8

Testes

Atrophy

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8102

TRT#: 5

SEX: Male

DAY ON TEST: 736

DOSE: 2 MG/M3 MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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
Lung	Lymph Node - Bronchial	Lymph Node - Mandibular	Parathyroid Gland
Prostate	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
	Cortex	Inflammation	Chronic, Moderate
	Medulla	Inflammation	Chronic, Moderate
	Cortex	Necrosis	Moderate
	Medulla	Necrosis	Moderate
	Cortex	Pigmentation	Hemosiderin, Moderate
	Medulla	Pigmentation	Hemosiderin, Moderate
	Brain		Granular Cell Tumor Benign
Eye	Cornea	Mineralization	Minimal
		Inflammation	Chronic, Minimal
		Nephropathy	Moderate
		Angiectasis	Mild
		Basophilic Focus	Mild
		Hyperplasia	Mild
		Leukemia Mononuclear	
Nose	Olfactory Epi	Degeneration	Minimal
	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Suppurative, Minimal
		Inflammation	Minimal
Pancreas	Acinus	Atrophy	Moderate
	Pituitary Gland	Pars Distalis	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8102

TRT#: 5

SEX: Male

DAY ON TEST: 736

DOSE: 2 MG/M3 MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland		Inflammation	Suppurative, Minimal
Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 2-7		
Thyroid Gland	C Cell	Adenoma	
Trachea	Epithelium	Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8103

TRT#: 5

SEX: Male

DAY ON TEST: 736

DOSE: 2 MG/M3 MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Eye	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Bronchial
Lymph Node - Mandibular	Pancreas	Parathyroid Gland	Pituitary Gland
Preputial Gland	Prostate	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

MISSING

Esophagus	Intestine Large - Rectum	Mammary Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Mild
Heart		Inflammation	Chronic, Mild
Intestine Large	Anus	Parasite Metazoan	
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 3-5		
Larynx		Inflammation	Suppurative, Minimal
Liver		Basophilic Focus	Mild
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Granulomatous, Focal, Minimal
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-4		
Lung	Alveolar Epith	Hyperplasia	Mild
Nose	Respirat Epith	Hyperplasia	Minimal
	Nasolacrim Dct	Inflammation	Suppurative, Minimal
		Inflammation	Suppurative, Minimal
		Inflammation	Mild
Salivary Glands	Parotid GI	Atrophy	Minimal
	Duct	Inflammation	Suppurative, Minimal
	Duct	Metaplasia	Squamous, Minimal
Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8103

TRT#: 5

SEX: Male

DAY ON TEST: 736

DOSE: 2 MG/M3 MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-7			
Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8104

TRT#: 5

SEX: Male

DAY ON TEST: 638

DOSE: 2 MG/M3 MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	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	Lung	Lymph Node - Bronchial
Lymph Node - Mandibular	Pancreas	Parathyroid Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 2-5		
Larynx		Metaplasia	Squamous, Minimal
Liver	Bile Duct	Hyperplasia	Mild
		Inflammation	Granulomatous, Focal, Minimal
Nose	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Suppurative, Mild
		Inflammation	Mild
	Respirat Epith	Metaplasia	Squamous, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA]	TGLs = 3-8		
Preputial Gland		Inflammation	Suppurative, Mild
Testes	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8105

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 2 MG/M3 MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Rectum
Lymph Node - Bronchial
Salivary Glands
Stomach - Glandular
Urinary Bladder

Adrenal Gland - Medulla
Epididymis
Intestine Small - Duodenum
Lymph Node - Mandibular
Skin
Thymus

Bone
Esophagus
Intestine Small - Ileum
Parathyroid Gland
Spleen
Thyroid Gland

Bone Marrow
Intestine Large - Cecum
Islets, Pancreatic
Preputial Gland
Stomach - Forestomach
Trachea

MISSING

Mammary Gland

AUTO PRECLUDES DIAG.

Intestine Small - Jejunum

OBSERVATIONS

Eye
Heart
Intestine Large
Kidney
 Note: NEPHROPATHY TGLs = 3-5
Larynx
Liver
Lung

 Note: CONGESTION TGLs = 4-3
Nose

Pancreas

Pituitary Gland
 Note: [ADENOMA] TGLs = 5-8
Prostate

Lens

Colon

Alveolus
Perivascular

Respirat Epith

Acinus

Pars Distalis

Epithelium

Degeneration
Inflammation
Parasite Metazoan
Nephropathy

Inflammation
Basophilic Focus
Congestion
Infiltration Cellular
Infiltration Cellular

Hyperplasia
Inflammation
Atrophy
Inflammation
Adenoma

Hyperplasia

Mild
Chronic, Mild

Moderate

Suppurative, Minimal
Mild
Marked
Histiocyte, Minimal
Mononuclear CI, Minimal

Minimal
Suppurative, Minimal
Moderate
Mild

Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8105

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 2 MG/M3 MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Testes

Bilateral, Interstit Cell

Adenoma

Atrophy

Moderate

Note: ATROPHY

TGLs = 2-7

Note: ADENOMA

TGLs = 1-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8106

TRT#: 5

SEX: Male

DAY ON TEST: 736

DOSE: 2 MG/M3 MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Epididymis	Esophagus	Eye
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Bronchial	Lymph Node - Mandibular
Pancreas	Parathyroid Gland	Preputial Gland	Salivary Glands
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Urinary Bladder		

MISSING

Nose	Pituitary Gland
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OBSERVATIONS

Heart		Inflammation	Chronic, Moderate
Intestine Large	Cecum	Parasite Metazoan	
Kidney		Nephropathy	Moderate
Larynx		Inflammation	Suppurative, Minimal
Liver		Basophilic Focus	Mild
	Bile Duct	Hyperplasia	Mild
Lung	Perivascular	Infiltration Cellular	Mononuclear CI, Minimal
Mammary Gland		Hyperplasia	Mild
Prostate	Epithelium	Hyperplasia	Moderate
Skin		Keratoacanthoma	
Note: KERATOACANTHMA TGLs = 1-11			
Testes	Bilateral, Interstit Cell	Adenoma	
		Atrophy	Moderate
Note: ATROPHY TGLs = 2-7			
Note: ADENOMA TGLs = 3-7			
Trachea	Epithelium	Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8107

TRT#: 5

DOSE: 2 MG/M3 MALE

SEX: Male

DISP: Moribund

DAY ON TEST: 540

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Brain	Esophagus
Heart	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Mammary Gland	Pancreas	Preputial Gland
Prostate	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Epididymis	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Note: ONE ADRENAL MISSING RECHECKED WET TISSUE NOT PRESENT			
Bone Marrow		Leukemia Mononuclear	
Eye		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
Liver		Degeneration	Fatty, Minimal
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3,4-4			
Lung	Alveolus	Hemorrhage	Moderate
		Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic, Focal, Mild
		Leukemia Mononuclear	
		[Inflammation TGLS = 5-3]	
		[Leukemia Mononuclear TGLS = 6-3]	
Lymph Node	Bronchial	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
		[Leukemia Mononuclear TGLS = 7-3]	
Mesentery	Fat	Inflammation	Chronic, Moderate
	Fat	Leukemia Mononuclear	
	Fat	Necrosis	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8107

TRT#: 5

SEX: Male

DAY ON TEST: 540

DOSE: 2 MG/M3 MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LEUKEMIA MONUC TGLs = 1-11

Note: INFLAMMATION TGLs = 1-11

Note: NECROSIS TGLs = 1-11

Nose	Respirat Epith	Hyperplasia Inflammation Inflammation	Minimal Suppurative, Minimal Minimal
Pituitary Gland	Respirat Epith Pars Distalis Pars Distalis	Metaplasia Adenoma Leukemia Mononuclear Leukemia Mononuclear	Squamous, Minimal
Spleen			
Note: LEUKEMIA MONUC TGLs = 2-4			
Testes	Interstit Cell	Hyperplasia	Mild
Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8108

TRT#: 5

SEX: Male

DAY ON TEST: 612

DOSE: 2 MG/M3 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	Lymph Node - Bronchial	Pancreas
Parathyroid Gland	Preputial Gland	Prostate	Skin
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Epididymis		Vacuolization Cytoplasmic	Moderate
Eye		Leukemia Mononuclear	
Heart		Inflammation	Chronic, Mild
Islets, Pancreatic		Adenoma	
Kidney		Nephropathy	Moderate
Larynx		Inflammation	Suppurative, Minimal
Liver		Degeneration	Fatty, Minimal
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Hyperplasia	Mild
Mammary Gland		Galactocele	Minimal
Nose		Inflammation	Suppurative, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 2-8			
Salivary Glands	Duct	Hyperplasia	Minimal
		Inflammation	Minimal
Spleen		Fibrosis	Minimal
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-4			
Stomach	Forestomach	Hyperplasia	Squamous, Mild
	Forestomach	Inflammation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8108

TRT#: 5

SEX: Male

DAY ON TEST: 612

DOSE: 2 MG/M3 MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Testes

Atrophy

Marked

Urin Bladder

Note: NO LESIONS. HAS PROTEINACEOUS HOMOGENEOUSLY EOSINPHILIC

Note: MATERIAL FILLING THE LUMEN.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8109

TRT#: 5

SEX: Male

DAY ON TEST: 736

DOSE: 2 MG/M3 MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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	Lymph Node - Bronchial	Pancreas
Parathyroid Gland	Pituitary Gland	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex Bilateral, Medulla	Hematopoietic Cell Proliferation Pheochromocytoma Benign	Minimal
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 4-5		
Liver		Angiectasis Basophilic Focus	Mild Mild
	Bile Duct	Hyperplasia	Minimal
Lung	Perivascular	Infiltration Cellular	Mononuclear CI, Mild
Lymph Node	Mandibular	Hyperplasia	Minimal
Mammary Gland		Hyperplasia	Mild
Nose	Nasolacrim Dct	Inflammation Inflammation	Suppurative, Mild Suppurative, Minimal
Preputial Gland		Adenoma	
Note: ADENOMA	TGLs = 1-11+12		
Prostate	Epithelium	Hyperplasia	Minimal
Salivary Glands	Duct	Hyperplasia	Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 3-7		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8110

TRT#: 5

SEX: Male

DAY ON TEST: 736

DOSE: 2 MG/M3 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	Lung	Lymph Node - Bronchial
Lymph Node - Mandibular	Preputial Gland	Prostate	Salivary Glands
Skin	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart		Inflammation	Chronic, Moderate
Kidney		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 4-5+11		
Larynx		Inflammation	Suppurative, Minimal
Liver		Basophilic Focus	Minimal
		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
	Respirat Epith	Hyperplasia	Minimal
	Nasolacrim Dct	Inflammation	Suppurative, Mild
		Inflammation	Suppurative, Minimal
		Inflammation	Minimal
Pancreas	Acinus	Atrophy	Mild
Parathyroid Gland		Adenoma	
Note: ADENOMA	TGLs = 2-2		
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 5-8		
Spleen		Fibrosis	Moderate
Note: FIBROSIS	TGLs = 3-13		
Stomach	Forestomach	Hyperplasia	Squamous, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8110

TRT#: 5

SEX: Male

DAY ON TEST: 736

DOSE: 2 MG/M3 MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Forestomach

Inflammation

Moderate

Forestomach

Ulcer

Moderate

Note: HYPERPLASIA TGLs = 6-8+12,7-8+12,8-8+12

Note: INFLAMMATION TGLs = 6-8+12,7-8+12,8-8+12

Note: ULCER TGLs = 6-12,7-12,8-12

Testes Bilateral, Interstit Cell

Adenoma

Note: ADENOMA TGLs = 1-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8111

TRT#: 5

SEX: Male

DAY ON TEST: 539

DOSE: 2 MG/M3 MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Brain	Esophagus	Eye
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Islets, Pancreateic
Larynx	Lymph Node - Bronchial	Pancreas	Pituitary Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Lymph Node - Mandibular	Mammary Gland	Thymus
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AUTO PRECLUDES DIAG.

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

Adrenal Gland	Medulla	Pheochromocytoma Benign	
	Medulla	Pheochromocytoma Malignant	
	Cortex	Thrombosis	Minimal
Note: PHEOCHROM MAL TGLs = 2-5			
Bone		Fibrous Osteodystrophy	Moderate
Epididymis		Vacuolization Cytoplasmic	Mild
Heart		Inflammation	Chronic, Moderate
		Mineralization	Moderate
	Atrium	Thrombosis	Moderate
Kidney		Nephropathy	Marked
Note: NEPHROPATHY TGLs = 1-5			
Liver	Bile Duct	Hyperplasia	Minimal
Lung		Congestion	Moderate
	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Pigmentation	Hemosiderin, Mild
Nose	Olfactory Epi	Degeneration	Minimal
	Respirat Epith	Hyperplasia	Moderate
		Inflammation	Suppurative, Moderate
		Inflammation	Mild
Parathyroid Gland		Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8111

TRT#: 5

SEX: Male

DAY ON TEST: 539

DOSE: 2 MG/M3 MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland

Inflammation

Suppurative, Mild

Stomach

Glandular

Mineralization

Moderate

Note: MINERALIZATION TGLs = 3-8

Testes

Interstit Cell

Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8112

TRT#: 5

SEX: Male

DAY ON TEST: 736

DOSE: 2 MG/M3 MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Esophagus	Eye	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Bronchial
Parathyroid Gland	Prostate	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Epididymis	Intestine Large - Rectum
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
	Medulla	Pheochromocytoma Benign	
Heart		Inflammation	Chronic, Mild
Intestine Large	Cecum	Parasite Metazoan	
Kidney		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 3-5		
Larynx		Inflammation	Suppurative, Mild
Liver		Angiectasis	Mild
		Inflammation	Granulomatous, Focal, Minimal
Lung		Inflammation	Chronic, Focal, Minimal
Lymph Node	Mandibular	Hyperplasia	Mild
Mammary Gland		Hyperplasia	Minimal
Nose	Olfactory Epi	Degeneration	Minimal
	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Minimal
		Inflammation	Suppurative, Minimal
	Olfactory Epi	Metaplasia	Mild
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Inflammation	Suppurative, Moderate
Salivary Glands	Duct	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroacetophenone (CN)
CAS Number: 532-27-4

Date Report Requested: 10/23/2014
Time Report Requested: 09:51:57
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8112	TRT#: 5	SEX: Male	DAY ON TEST: 736
	DOSE: 2 MG/M3 MALE	DISP: Terminal Sacrifice	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Seminal Vesicle		Inflammation	Minimal
Testes	Interstitial Cell	Inflammation	Suppurative, Minimal
		Adenoma	
		Atrophy	Marked
Note: ATROPHY	TGLs = 2-11		
Note: ADENOMA	TGLs = 1-11		

PRIMARY CAUSE OF DEATH

-

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8113

TRT#: 5

SEX: Male

DAY ON TEST: 686

DOSE: 2 MG/M3 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
Mammary Gland	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Epididymis

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Eye		Leukemia Mononuclear	
Heart		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 2-5			
Liver	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
	Hepatocyte	Necrosis	Minimal
Note: LEUKEMIA MONUC TGLs = 4-4			
Lung		Leukemia Mononuclear	
Lymph Node	Bronchial	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 5-5			
Nose	Respirat Epith	Hyperplasia	Mild
	Nasolacrim Dct	Inflammation	Suppurative, Mild
		Inflammation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8113

TRT#: 5

SEX: Male

DAY ON TEST: 686

DOSE: 2 MG/M3 MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland	Respirat Epith Pars Distalis Pars Distalis	Inflammation Metaplasia Adenoma Leukemia Mononuclear	Suppurative, Minimal Squamous, Mild
Note: ADENOMA TGLs = 3-8			
Preputial Gland		Inflammation	Suppurative, Mild
Prostate	Epithelium	Hyperplasia	Minimal
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-4			
Testes	Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 6-7			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8114

TRT#: 5

SEX: Male

DAY ON TEST: 559

DOSE: 2 MG/M3 MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Esophagus	Eye	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	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Brain		Carcinoma	Metastatic (Pituitary Gland)
Epididymis		Vacuolization Cytoplasmic	Mild
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Mild
Larynx		Inflammation	Suppurative, Mild
Liver		Eosinophilic Focus	Moderate
	Bile Duct	Hyperplasia	Mild
		Inflammation	Granulomatous, Focal, Minimal
Lung	Perivascular	Infiltration Cellular	Mononuclear CI, Mild
Lymph Node	Mandibular	Hyperplasia	Mild
Note: TGL 1 IS THYMIC MASS NOT THE BRONCHIAL LYMPHNODE.			
Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
	Vomeronas Org	Inflammation	Suppurative, Mild
		Inflammation	Mild
		Inflammation	Suppurative, Minimal
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Carcinoma	
Note: CARCINOMA TGLs = 2-8			
Preputial Gland		Inflammation	Suppurative, Mild
Prostate		Inflammation	Suppurative, Minimal
Testes	Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8114

TRT#: 5

SEX: Male

DAY ON TEST: 559

DOSE: 2 MG/M3 MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus

Thymoma Malignant

Note: THYMOMA MAL TGLs = 1-2

Thyroid Gland

C Cell

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8115

TRT#: 5

SEX: Male

DAY ON TEST: 675

DOSE: 2 MG/M3 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	Lymph Node - Mandibular	Parathyroid Gland	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Eye		Leukemia Mononuclear	
Heart		Inflammation	Chronic, Moderate
Kidney		Nephropathy	Mild
Larynx		Inflammation	Suppurative, Minimal
Liver	Bile Duct	Angiectasis	Mild
		Hyperplasia	Moderate
		Leukemia Mononuclear	
Lung	Alveolus	Hemorrhage	Mild
		Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Note: HEMORRHAGE	TGLs = 2-3+11		
Lymph Node	Bronchial	Angiectasis	Mild
Nose	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Minimal
		Inflammation	Suppurative, Minimal
	Respirat Epith	Metaplasia	Squamous, Minimal
		Thrombosis	Mild
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Suppurative, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8115

TRT#: 5

SEX: Male

DAY ON TEST: 675

DOSE: 2 MG/M3 MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Prostate		Inflammation	Suppurative, Mild
Salivary Glands	Duct	Hyperplasia	Mild
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-12		
Testes	Bilateral, Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8116

TRT#: 5

SEX: Male

DAY ON TEST: 736

DOSE: 2 MG/M3 MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Esophagus	Eye	Intestine Large - Cecum	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland
Pituitary Gland	Preputial Gland	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

MISSING

Epididymis

OBSERVATIONS

Adrenal Gland	Bilateral, Medulla	Pheochromocytoma Benign	
Heart		Inflammation	Chronic, Mild
Intestine Large	Colon	Diverticulum	Moderate
	Colon	Inflammation	Mild
Note: DIVERTICULUM TGLs = 5-14			
Note: TGL 5 IS NOT A DIVERTICULUM BUT AN INTUSSUSCEPTION			
Note: CODE NOT AVAILABLE			
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 4-5			
Larynx		Metaplasia	Squamous, Moderate
Liver		Basophilic Focus	Mild
	Bile Duct	Hepatodiaphragmatic Nodule	
		Hyperplasia	Minimal
		Inflammation	Granulomatous, Focal, Minimal
		Leukemia Mononuclear	
Note: ANOM HEPAT LOB TGLs = 3-4			
Note: TGL 3 APPEARS TO BE A PIECE OF HERNIATED LIVER LOBE			
Lung		Leukemia Mononuclear	
Nose	Respirat Epith	Hyperplasia	Mild
		Inflammation	Suppurative, Minimal
		Inflammation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8116

TRT#: 5

SEX: Male

DAY ON TEST: 736

DOSE: 2 MG/M3 MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas	Respirat Epith	Metaplasia	Squamous, Minimal
Prostate	Acinus	Atrophy	Mild
Salivary Glands	Epithelium	Hyperplasia	Moderate
	Duct	Hyperplasia	Mild
		Inflammation	Mild
Skin	Subcut Tiss	Neurofibrosarcoma	
Note: [NEUROFIBROSARC] TGLs = 6-13			
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1,2-12			
Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8117

TRT#: 5

SEX: Male

DAY ON TEST: 699

DOSE: 2 MG/M3 MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Ear	Epididymis
Esophagus	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Islets, Pancreatic	Larynx	Lymph Node - Mandibular	Pancreas
Skin	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland	Thymus
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AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Small - Ileum	Intestine Small - Jejunum
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INSUFFICIENT TISSUE

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Brain		Leukemia Mononuclear	
Eye		Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
	Atrium	Thrombosis	Moderate
Note: THROMBUS TGLs = 6-4			
Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 3-5			
Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
		Necrosis	Mild
Note: LEUKEMIA MONUC TGLs = 2,4-4			
Lung		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8117

TRT#: 5

SEX: Male

DAY ON TEST: 699

DOSE: 2 MG/M3 MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node	Bronchial	Leukemia Mononuclear	
Nose	Respirat Epith	Hyperplasia	Mild
	Vomeronas Org	Inflammation	Suppurative, Mild
		Inflammation	Suppurative, Minimal
		Inflammation	Mild
	Respirat Epith	Metaplasia	Squamous, Minimal
		Thrombosis	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Leukemia Mononuclear	
Note: [ADENOMA] TGLs = 5-8			
Preputial Gland		Inflammation	Suppurative, Minimal
Prostate		Inflammation	Suppurative, Mild
Salivary Glands	Duct	Hyperplasia	Minimal
Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
Note: FIBROSIS TGLs = 1-11			
Note: LEUKEMIA MONUC TGLs = 1-4+11			
Testes		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 7-7			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8118

TRT#: 5

SEX: Male

DAY ON TEST: 532

DOSE: 2 MG/M3 MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone Marrow	Brain	Esophagus
Intestine Large - Rectum	Intestine Small - Ileum	Islets, Pancreatic	Liver
Lymph Node - Bronchial	Lymph Node - Mandibular	Pancreas	Pituitary Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Thyroid Gland	Urinary Bladder		

MISSING

Mammary Gland	Prostate	Thymus
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AUTO PRECLUDES DIAG.

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

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Blood Vessel		Mineralization	Marked
Bone		Fibrous Osteodystrophy	Marked
Epididymis		Inflammation	Chronic, Marked
		Mineralization	Moderate
		Necrosis	Marked
Note: NECROSIS TGLs = 3-11			
Note: INFLAMMATION TGLs = 3-11			
Eye	Antr Chamber	Inflammation	Suppurative, Mild
	Cornea	Inflammation	Suppurative, Mild
	Cornea	Mineralization	Minimal
Heart		Inflammation	Chronic, Moderate
		Mineralization	Moderate
Kidney		Hydronephrosis	Moderate
	Pelvis	Inflammation	Suppurative, Mild
		Nephropathy	Marked
Note: NEPHROPATHY TGLs = 1-5			
Larynx		Inflammation	Suppurative, Mild
Lung	Alveolar Epith	Hyperplasia	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8118

TRT#: 5

SEX: Male

DAY ON TEST: 532

DOSE: 2 MG/M3 MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Nose	Respirat Epith	Mineralization	Minimal
	Nasolacrim Dct	Hyperplasia	Moderate
	Vomeronas Org	Inflammation	Suppurative, Mild
		Inflammation	Suppurative, Mild
		Inflammation	Suppurative, Mild
	Olfactory Epi	Inflammation	Mild
	Respirat Epith	Metaplasia	Mild
Parathyroid Gland		Metaplasia	Squamous, Minimal
Preputial Gland		Hyperplasia	Marked
Stomach	Glandular	Inflammation	Suppurative, Moderate
Testes		Mineralization	Mild
		Atrophy	Marked
	Interstit Cell	Hyperplasia	Moderate
		Mineralization	Moderate
Note: ATROPHY	TGLs = 2-11		
Trachea		Mineralization	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8119

TRT#: 5

SEX: Male

DAY ON TEST: 638

DOSE: 2 MG/M3 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
Mammary Gland	Pancreas	Parathyroid Gland	Prostate
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Epididymis

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Eye		Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Liver		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Lung		Hemorrhage	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-3		
Note: HEMORRHAGE	TGLs = 3-3		
Lymph Node	Mandibular	Hyperplasia	Mild
	Bronchial	Leukemia Mononuclear	
Nose	Respirat Epith	Hyperplasia	Mild
		Inflammation	Minimal
		Inflammation	Suppurative, Minimal
	Respirat Epith	Metaplasia	Squamous, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8119

TRT#: 5

SEX: Male

DAY ON TEST: 638

DOSE: 2 MG/M3 MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland	Pars Distalis	Thrombosis	Mild
	Pars Distalis	Hyperplasia	Moderate
Preputial Gland		Leukemia Mononuclear	
Salivary Glands	Duct	Inflammation	Suppurative, Minimal
Skin	Subcut Tiss	Hyperplasia	Mild
Note: LIPOMA	TGLs = 1-12		
Spleen		Lipoma	
Note: LEUKEMIA MONUC	TGLs = 2-11	Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8120

TRT#: 5

SEX: Male

DAY ON TEST: 658

DOSE: 2 MG/M3 MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Eye	Intestine Large - Rectum
Intestine Small - Duodenum	Kidney	Lymph Node - Bronchial	Pancreas
Parathyroid Gland	Preputial Gland	Salivary Glands	Skin
Stomach - Forestomach	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland	Prostate
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AUTO PRECLUDES DIAG.

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

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Heart		Inflammation	Chronic, Mild
Islets, Pancreatic		Cytomegaly	Minimal
Liver		Necrosis	Minimal
Lung		Leukocytosis	
Lymph Node	Mandibular	Inflammation	Granulomatous, Mild
Nose	Respirat Epith	Hyperplasia	Mild
	Nasolacrim Dct	Inflammation	Suppurative, Mild
	Vomeronas Org	Inflammation	Suppurative, Minimal
		Inflammation	Suppurative, Minimal
		Inflammation	Mild
	Respirat Epith	Metaplasia	Squamous, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 2-8			
Spleen		Hemorrhage	Marked
Note: HEMORRHAGE TGLs = 1-11+12+13			
Stomach	Glandular	Erosion	Mild
Note: STOMACH LESION IS IN GLANDULAR NOT FORESTOMACH			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8120

TRT#: 5

SEX: Male

DAY ON TEST: 658

DOSE: 2 MG/M3 MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: EROSION TGLs = 3-8

Testes

Interstit Cell

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8121

TRT#: 5

SEX: Male

DAY ON TEST: 736

DOSE: 2 MG/M3 MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Eye	Heart	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Parathyroid Gland	Preputial Gland
Skin	Stomach - Forestomach	Stomach - Glandular	Trachea
Urinary Bladder			

MISSING

Epididymis	Lymph Node - Mandibular	Thymus
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OBSERVATIONS

Adrenal Gland	Medulla Cortex Medulla	Hyperplasia Leukemia Mononuclear Leukemia Mononuclear Nephropathy	Moderate
Kidney Note: NEPHROPATHY TGLs = 5-5			Moderate
Liver Note: LEUKEMIA MONUC TGLs = 4-4		Basophilic Focus Degeneration Leukemia Mononuclear	Mild Cystic, Minimal
Lung		Leukemia Mononuclear	
Lymph Node Note: HYPERPLASIA TGLs = 6-11	Bronchial Renal	Hyperplasia Hyperplasia	Mild Moderate
Mammary Gland		Galactocele	Mild
Nose	Respirat Epith	Hyperplasia Inflammation Inflammation	Mild Mild Suppurative, Minimal
Pancreas	Respirat Epith Acinus	Metaplasia Atrophy	Squamous, Minimal Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Prostate		Inflammation	Suppurative, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8121

TRT#: 5

SEX: Male

DAY ON TEST: 736

DOSE: 2 MG/M3 MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Salivary Glands	Duct	Hyperplasia	Minimal
		Inflammation	Minimal
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-4			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 3-7			
Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:57

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8122

TRT#: 5

SEX: Male

DAY ON TEST: 736

DOSE: 2 MG/M3 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	Lymph Node - Bronchial	Mammary Gland	Pancreas
Parathyroid Gland	Preputial Gland	Prostate	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Urinary Bladder		

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Eye	Lens	Degeneration	Minimal
Heart		Inflammation	Chronic, Moderate
Kidney		Nephropathy	Moderate
Larynx		Inflammation	Suppurative, Minimal
Liver		Basophilic Focus	Mild
	Bile Duct	Hyperplasia	Minimal
Lung	Perivascular	Infiltration Cellular	Mononuclear CI, Minimal
Lymph Node	Mandibular	Hyperplasia	Mild
Nose	Respirat Epith	Hyperplasia	Mild
	Nasolacrim Dct	Inflammation	Suppurative, Mild
		Inflammation	Suppurative, Minimal
		Inflammation	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
Thyroid Gland	C Cell	Hyperplasia	Mild
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8123

TRT#: 5

SEX: Male

DAY ON TEST: 736

DOSE: 2 MG/M3 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 - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Bronchial	Lymph Node - Mandibular	Pancreas
Parathyroid Gland	Prostate	Salivary Glands	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart		Inflammation	Chronic, Mild
Intestine Large	Colon	Parasite Metazoan	
Kidney	Renal Tubule	Hyperplasia	Mild
		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 4-5+12		
Larynx		Inflammation	Suppurative, Minimal
Liver		Basophilic Focus	Mild
		Degeneration	Cystic, Mild
		Inflammation	Granulomatous, Focal, Minimal
		Leukemia Mononuclear	
Lung	Perivascular	Infiltration Cellular	Mononuclear CI, Mild
Mammary Gland		Hyperplasia	Moderate
Nose	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Suppurative, Mild
		Inflammation	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Adenoma	
Skin		Keratoacanthoma	
Note: KERATOACANTHMA	TGLs = 1-13		
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8123

TRT#: 5

SEX: Male

DAY ON TEST: 736

DOSE: 2 MG/M3 MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Perivascular

Inflammation

Moderate

Note: ATROPHY TGLs = 2-7
Thyroid Gland

Follicular Cel
C Cell

Adenocarcinoma
Carcinoma

Note: CARCINOMA TGLs = 3-11

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8124

TRT#: 5

SEX: Male

DAY ON TEST: 605

DOSE: 2 MG/M3 MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Eye	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Lymph Node - Bronchial	Parathyroid Gland	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

INSUFFICIENT TISSUE

Islets, Pancreatic

OBSERVATIONS

Epididymis		Vacuolization Cytoplasmic	Mild
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Moderate
Larynx		Inflammation	Suppurative, Mild
Liver		Inflammation	Granulomatous, Focal, Minimal
Lung	Bronchus	Inflammation	Suppurative, Mild
		Leukemia Mononuclear	
Lymph Node	Mandibular	Hyperplasia	Mild
Mammary Gland		Galactoceles	Minimal
Nose		Foreign Body	Minimal
	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Mild
		Inflammation	Suppurative, Minimal
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Hemorrhage	Marked
Note: HEMORRHAGE	TGLs = 4-8		
Note: ADENOMA	TGLs = 4-8		
Preputial Gland		Adenoma	
Note: ADENOMA	TGLs = 1-11		
Prostate		Inflammation	Suppurative, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8124

TRT#: 5

SEX: Male

DAY ON TEST: 605

DOSE: 2 MG/M3 MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Salivary Glands

Necrosis

Mild

Spleen

Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 3-4+12

Testes

Interstit Cell

Adenoma

Atrophy

Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8125

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 2 MG/M3 MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Eye	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Islets, Pancreatic	Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular
Pancreas	Parathyroid Gland	Skin	Stomach - Forestomach
Stomach - Glandular	Testes	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Intestine Small - Jejunum	Mammary Gland
---------------------------	---------------

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Hyperplasia	Mild
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 4-5			
Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-4]			
Lung		Congestion	Moderate
[Congestion TGLS = 1-3]			
Nose	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Minimal
	Respirat Epith	Metaplasia	Squamous, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 5-8			
Preputial Gland		Inflammation	Suppurative, Mild
Prostate	Epithelium	Hyperplasia	Minimal
Salivary Glands	Duct	Hyperplasia	Mild
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-4			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8125

TRT#: 5

SEX: Male

DAY ON TEST: 731

DOSE: 2 MG/M3 MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8126

TRT#: 5

SEX: Male

DAY ON TEST: 534

DOSE: 2 MG/M3 MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Islets, Pancreatic
Pancreas
Spleen
Thymus

Adrenal Gland - Medulla
Epididymis
Larynx
Parathyroid Gland
Stomach - Forestomach
Thyroid Gland

Bone
Esophagus
Lymph Node - Bronchial
Preputial Gland
Stomach - Glandular
Trachea

Bone Marrow
Intestine Large - Rectum
Lymph Node - Mandibular
Salivary Glands
Testes

MISSING

Mammary Gland

Prostate

Skin

AUTO PRECLUDES DIAG.

Intestine Large - Cecum
Intestine Small - Jejunum

Intestine Large - Colon

Intestine Small - Duodenum

Intestine Small - Ileum

OBSERVATIONS

Eye
Heart
Kidney

Liver

Lung
Nose

Pituitary Gland
Urinary Bladder

Lens

Pelvis

Bile Duct

Respirat Epith

Olfactory Epi
Pars Distalis

Degeneration
Inflammation
Inflammation
Nephropathy
Hyperplasia
Inflammation
Leukocytosis
Hyperplasia
Inflammation
Metaplasia
Adenoma
Hemorrhage
Inflammation

Moderate
Chronic, Minimal
Suppurative, Mild
Minimal
Minimal
Granulomatous, Focal, Minimal
Mild
Minimal
Minimal
Minimal

Moderate
Suppurative, Moderate

Note: HEMORRHAGE TGLs = 1,2-11

Note: INFLAMMATION TGLs = 1,2-11

Note: SEMINAL FLUID PLUG PRESENT IN BLADDER

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8127

TRT#: 5

SEX: Male

DAY ON TEST: 736

DOSE: 2 MG/M3 MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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	Lymph Node - Bronchial	Lymph Node - Mandibular	Pancreas
Parathyroid Gland	Prostate	Skin	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Stomach - Forestomach

OBSERVATIONS

Adrenal Gland	Cortex Medulla	Degeneration Hyperplasia Inflammation	Fatty, Minimal Mild Moderate
Blood Vessel		Inflammation	Chronic, Mild
Heart		Nephropathy	Moderate
Kidney		Inflammation	Suppurative, Minimal
Larynx		Basophilic Focus	Minimal
Liver		Inflammation Leukemia Mononuclear	Granulomatous, Focal, Minimal
Note: LEUKEMIA MONUC TGLs = 2-4			
Lung	Perivascular	Infiltration Cellular Leukemia Mononuclear	Mononuclear Cl, Minimal
Mammary Gland		Hyperplasia	Minimal
Nose	Respirat Epith	Hyperplasia Inflammation Inflammation	Mild Minimal Suppurative, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Suppurative, Minimal
Salivary Glands	Duct	Hyperplasia Inflammation	Minimal Minimal
Skeletal Muscle		Hemangioma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8127

TRT#: 5

SEX: Male

DAY ON TEST: 736

DOSE: 2 MG/M3 MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen

Leukemia Mononuclear

Testes

Bilateral, Interstit Cell

Adenoma

Note: ADENOMA TGLs = 1-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8128

TRT#: 5

SEX: Male

DAY ON TEST: 318

DOSE: 2 MG/M3 MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Large - Rectum
Islets, Pancreatic
Pancreas
Salivary Glands
Stomach - Glandular
Urinary Bladder

Adrenal Gland - Medulla
Eye
Intestine Small - Duodenum
Kidney
Parathyroid Gland
Skin
Thymus

Bone Marrow
Heart
Intestine Small - Ileum
Larynx
Preputial Gland
Spleen
Thyroid Gland

Brain
Intestine Large - Colon
Intestine Small - Jejunum
Liver
Prostate
Stomach - Forestomach
Trachea

MISSING

Epididymis Intestine Large - Cecum Lymph Node - Bronchial

OBSERVATIONS

Bone Hyperostosis Minimal
Lung Foreign Body Minimal
Alveolar Epith Hyperplasia Minimal
Bronchiole, Epithelium Hyperplasia Mild
Bronchiole Inflammation Suppurative, Mild
Inflammation Granulomatous, Focal, Moderate

Note: INFLAMMATION TGLs = 5-3+11

Note: SOME BIREFRINGENT PLANT-LIKE MATERIAL INLUNG LESIONS

Lymph Node Mandibular Hyperplasia Mild
Mammary Gland Hyperplasia Mild
Nose Foreign Body Minimal
Respirat Epith Hyperplasia Moderate
Inflammation Moderate
Inflammation Suppurative, Moderate
Olfactory Epi Metaplasia Mild
Respirat Epith Metaplasia Squamous, Mild

Note: TURBINATE ADHESIONS PRESENT

Note: CAUSE MOUTH BREATHING AND RESULT IN GI GROSS LESIONS

Note: NASAL LESIONS COULD HAVE BEEN SEVERE ENOUGH TO

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8128

TRT#: 5

SEX: Male

DAY ON TEST: 318

DOSE: 2 MG/M3 MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland

Pars Distalis

Cyst

Mild

Pars Intermed

Degeneration

Cystic, Mild

Pars Intermed

Hyperplasia

Mild

Note: CYSTS ARE LINED WITH CILIATED EPITHELIAL CELLS

Testes

Interstitial Cell

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8129

TRT#: 5

SEX: Male

DAY ON TEST: 736

DOSE: 2 MG/M3 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
Prostate	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	

MISSING

Mammary Gland	Parathyroid Gland	Thymus	
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OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Medulla	Hyperplasia	Mild
Eye	Retina	Atrophy	Marked
	Lens	Degeneration	Marked
	Lens	Mineralization	Mild
Note: DEGEN TGLs = 7-13			
Note: MINERALIZATION TGLs = 7-13			
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Mild
Larynx		Inflammation	Suppurative, Minimal
Liver		Angiectasis	Mild
		Basophilic Focus	Mild
		Degeneration	Cystic, Mild
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
Note: TGL 5 APPEARS TO BE LIKE REST OF LIVER AND MAY			
Note: REPRESENT A HERNIATED PORTION THRU DIAPHRAM			
Note: ANOM HEPAT LOB TGLs = 5-11			
Lung		Hemorrhage	Mild
	Alveolar Epith	Hyperplasia	Moderate
		Inflammation	Granulomatous, Focal, Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8129

TRT#: 5

SEX: Male

DAY ON TEST: 736

DOSE: 2 MG/M3 MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: HEMORRHAGE	TGLs = 6-3		Pigmentation	Hemosiderin, Moderate
Note: INFLAMMATION	TGLs = 6-3			
Lymph Node		Mandibular	Hyperplasia	Mild
		Bronchial	Inflammation	Granulomatous, Moderate
		Bronchial	Leukemia Mononuclear	
Nose		Respirat Epith	Hyperplasia	Minimal
			Inflammation	Mild
			Inflammation	Suppurative, Minimal
Pancreas		Acinus	Atrophy	Moderate
Pituitary Gland		Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 8-8			
Preputial Gland			Inflammation	Suppurative, Marked
Note: INFLAMMATION	TGLs = 1-7			
Spleen			Developmental Malformation	
			Leukemia Mononuclear	
Note: IRREGULAR SPLEEN MAY BE DUE TO LEUKEMIA BUT MAY				
Note: DEVELOP MALFOR	TGLs = 4-12			
Note: LEUKEMIA MONUC	TGLs = 4-4+12			
Note: FOLDED BACK ON ITSELF DURING DEVELOPMENT?				
Note: ALSO HAVE REFERED TO A PORTION OF SPLEEN THAT				
Testes		Bilateral, Interstit Cell	Adenoma	
			Atrophy	Moderate
Note: ATROPHY	TGLs = 2-7			
Note: ADENOMA	TGLs = 3-7			
Thyroid Gland		C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH		-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8130

TRT#: 5

SEX: Male

DAY ON TEST: 736

DOSE: 2 MG/M3 MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Bronchial
Parathyroid Gland	Salivary Glands	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder		

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Focal Cellular Change	Minimal
	Cortex	Hematopoietic Cell Proliferation	Minimal
	Medulla	Hematopoietic Cell Proliferation	Minimal
	Bilateral, Medulla	Pheochromocytoma Benign	
Eye	Sclera	Inflammation	Minimal
Heart		Inflammation	Chronic, Mild
	Atrium	Thrombosis	Mild
Intestine Large	Rectum	Parasite Metazoan	
Note: NECROSIS			
Note: TGL 6 IS NOT A CECAL NODULE BUT IS MESENTERIC FAT			
Kidney		Hematopoietic Cell Proliferation	Mild
		Nephropathy	Moderate
Larynx		Inflammation	Suppurative, Mild
Liver		Basophilic Focus	Minimal
		Hematopoietic Cell Proliferation	Mild
	Bile Duct	Hyperplasia	Minimal
		Infiltration Cellular	Mixed Cell, Mild
Lung			
Note: MIXED CELL INFILTRATE IS EMHP			
Lymph Node	Mandibular	Hyperplasia	Mild
Mesentery	Fat	Inflammation	Chronic, Marked
	Fat	Necrosis	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8130

TRT#: 5

SEX: Male

DAY ON TEST: 736

DOSE: 2 MG/M3 MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: INFLAMMATION	TGLs = 2,3,6-6+11			
Note: NECROSIS	TGLs = 2,3,6-6+11			
Nose	Respirat Epith	Hyperplasia	Mild	
		Inflammation	Suppurative, Minimal	
		Inflammation	Minimal	
	Respirat Epith	Metaplasia	Squamous, Minimal	
Pancreas	Acinus	Atrophy	Mild	
Pituitary Gland	Pars Distalis	Adenoma		
Note: [ADENOMA]	TGLs = 5-8			
Preputial Gland		Inflammation	Suppurative, Moderate	
Note: INFLAMMATION	TGLs = 1-7			
Prostate		Inflammation	Suppurative, Mild	
Skin	Subcut Tiss	Inflammation	Chronic, Marked	
	Subcut Tiss	Necrosis	Marked	
[Inflammation TGLS = 4-7+12]				
[Necrosis TGLS = 4-7+12]				
Spleen		Hematopoietic Cell Proliferation	Moderate	
Testes	Interstit Cell	Adenoma		
Thyroid Gland	C Cell	Hyperplasia	Marked	
PRIMARY CAUSE OF DEATH	-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8131

TRT#: 5

SEX: Male

DAY ON TEST: 736

DOSE: 2 MG/M3 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	Parathyroid Gland	Prostate
Salivary Glands	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

MISSING

Mammary Gland	Skin
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OBSERVATIONS

Adrenal Gland	Cortex Medulla	Degeneration Pheochromocytoma Benign	Fatty, Mild
Eye	Cornea	Inflammation	Suppurative, Minimal
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 5-5			
Larynx		Inflammation	Suppurative, Minimal
Liver		Basophilic Focus	Minimal
	Bile Duct	Hepatodiaphragmatic Nodule	
		Hyperplasia	Mild
		Inflammation	Granulomatous, Focal, Minimal
		Leukemia Mononuclear	
Note: TGL 4 LOOKS LIKE REST OF LIVER. MAY BE ABNORMAL			
Note: LEUKEMIA MONUC TGLs = 1-4+12			
Note: ANOM HEPAT LOB TGLs = 4-12			
Note: SUBLOBULATION			
Lung	Alveolar Epith Perivascular	Hyperplasia Infiltration Cellular	Moderate Mononuclear CI, Minimal
Note: HYPERPLASIA TGLs = 3-3+11			
Nose	Respirat Epith	Hyperplasia Inflammation	Minimal Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8131

TRT#: 5

SEX: Male

DAY ON TEST: 736

DOSE: 2 MG/M3 MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas	Acinus	Inflammation Atrophy	Suppurative, Minimal Minimal
Pituitary Gland Note: ADENOMA TGLs = 2-8	Pars Distalis	Inflammation Adenoma	Minimal
Preputial Gland Note: INFLAMMATION TGLs = 6-7		Inflammation	Suppurative, Minimal
Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Hyperplasia	Minimal
Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8132

TRT#: 5

SEX: Male

DAY ON TEST: 486

DOSE: 2 MG/M3 MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Epididymis
Intestine Large - Rectum
Islets, Pancreatic
Parathyroid Gland
Skin
Thymus

Adrenal Gland - Medulla
Esophagus
Intestine Small - Duodenum
Larynx
Preputial Gland
Spleen
Thyroid Gland

Bone
Eye
Intestine Small - Ileum
Lymph Node - Bronchial
Prostate
Stomach - Forestomach
Trachea

Brain
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Mandibular
Salivary Glands
Stomach - Glandular
Urinary Bladder

MISSING

Intestine Large - Cecum

INSUFFICIENT TISSUE

Mammary Gland

OBSERVATIONS

Bone Marrow
Heart
Kidney
Liver
Lung
Nose

Pancreas
Pituitary Gland
Note: [ADENOMA] TGLs = 1-8
Testes

Perivascular
Respirat Epith

Olfactory Epi
Respirat Epith
Acinus
Pars Distalis

Interstit Cell

Depletion Cellular
Inflammation
Nephropathy
Inflammation
Infiltration Cellular
Hyperplasia
Inflammation
Metaplasia
Metaplasia
Atrophy
Adenoma

Atrophy
Hyperplasia

Mild
Chronic, Minimal
Mild
Granulomatous, Focal, Minimal
Mononuclear CI, Mild
Minimal
Minimal
Minimal
Squamous, Minimal
Minimal

Minimal
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8133

TRT#: 5

SEX: Male

DAY ON TEST: 716

DOSE: 2 MG/M3 MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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	Preputial Gland	Salivary Glands	Skin
Thymus	Thyroid Gland	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
	Medulla	Pheochromocytoma Benign	
Blood Vessel		Mineralization	Moderate
Bone		Fibrous Osteodystrophy	Moderate
Eye	Cornea	Hyperplasia	Mild
	Antr Chamber	Inflammation	Suppurative, Mild
	Cornea	Inflammation	Suppurative, Mild
	Cornea	Mineralization	Minimal
Note: INFLAMMATION	TGLs = 3-11		
Note: INFLAMMATION	TGLs = 3-11		
Heart		Inflammation	Chronic, Marked
		Mineralization	Moderate
Kidney		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 1,2-5		
Liver		Degeneration	Cystic, Minimal
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
Lung		Hemorrhage	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
		Inflammation	Chronic, Diffuse, Moderate
		Mineralization	Marked
Note: INFILTRAT CELL	TGLs = 5-3+13		
Note: MINERALIZATION	TGLs = 5-3+13		
Note: INFLAMMATION	TGLs = 5-3+13		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8133

TRT#: 5

SEX: Male

DAY ON TEST: 716

DOSE: 2 MG/M3 MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node	Mandibular	Hyperplasia	Mild
Mammary Gland		Galactocele	Minimal
Nose		Foreign Body	Minimal
	Respirat Epith	Hyperplasia	Moderate
	Nasolacrim Dct	Inflammation	Suppurative, Mild
		Inflammation	Suppurative, Mild
		Inflammation	Moderate
	Respirat Epith	Metaplasia	Squamous, Mild
Pancreas	Acinus	Atrophy	Mild
Parathyroid Gland		Hyperplasia	Marked
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 9-8		
Prostate	Epithelium	Hyperplasia	Minimal
Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
Note: FIBROSIS	TGLs = 4-12		
Stomach	Forestomach	Mineralization	Mild
	Glandular	Mineralization	Marked
Testes	Bilateral, Interstit Cell	Adenoma	
		Atrophy	Marked
Note: ADENOMA	TGLs = 6,8-7		
Note: ATROPHY	TGLs = 7-7		
Trachea		Inflammation	Suppurative, Mild
	Epithelium	Metaplasia	Squamous, Minimal
		Mineralization	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8134

TRT#: 5

SEX: Male

DAY ON TEST: 736

DOSE: 2 MG/M3 MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Eye	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Lymph Node - Mandibular	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Urinary Bladder		

INSUFFICIENT TISSUE

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex Medulla	Degeneration Pheochromocytoma Benign	Fatty, Mild
Blood Vessel		Inflammation	Mild
Epididymis	Serosa	Hyperplasia	Mild
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Moderate
Liver		Basophilic Focus Leukemia Mononuclear	Mild
Lung	Peribronchiolr Perivascular	Hemorrhage Infiltration Cellular Infiltration Cellular Inflammation Leukemia Mononuclear	Mild Mononuclear Cl, Mild Mononuclear Cl, Mild Chronic, Focal, Mild
Lymph Node	Bronchial	Angiectasis	Moderate
Mesentery	Fat	Inflammation	Chronic, Moderate
Note: INFLAMMATION TGLs = 2-11			
Nose		Inflammation Inflammation	Mild Suppurative, Minimal
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 1-8			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8134

TRT#: 5

SEX: Male

DAY ON TEST: 736

DOSE: 2 MG/M3 MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland		Adenoma	
		Inflammation	Suppurative, Mild
Prostate		Inflammation	Suppurative, Mild
Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Hyperplasia	Minimal
Trachea		Inflammation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8135

TRT#: 5

SEX: Male

DAY ON TEST: 493

DOSE: 2 MG/M3 MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Rectum
Lung
Preputial Gland
Stomach - Glandular
Trachea

Adrenal Gland - Medulla
Epididymis
Islets, Pancreatic
Lymph Node - Bronchial
Salivary Glands
Testes
Urinary Bladder

Bone
Esophagus
Larynx
Pancreas
Spleen
Thymus

Bone Marrow
Eye
Liver
Parathyroid Gland
Stomach - Forestomach
Thyroid Gland

MISSING

Intestine Large - Cecum

Intestine Small - Jejunum

Mammary Gland

AUTO PRECLUDES DIAG.

Intestine Small - Duodenum

Intestine Small - Ileum

OBSERVATIONS

Heart
Intestine Large
Kidney
Lymph Node
Nose

Pituitary Gland
Note: [ADENOMA] TGLs = 2-8
Prostate
Skin
Note: PAPHILLOMA SQUA TGLs = 1-11
Note: MASS NOT SUBCUTANEOUS AS GROSSLY DESCRIBED

Colon

Mandibular
Respirat Epith

Respirat Epith
Pars Distalis

Inflammation
Parasite Metazoan
Nephropathy
Hyperplasia
Hyperplasia
Inflammation
Inflammation
Metaplasia
Adenoma

Inflammation
Squamous Cell Papilloma

Chronic, Mild

Minimal
Mild
Mild
Mild
Suppurative, Minimal
Squamous, Mild

Suppurative, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8136

TRT#: 5

SEX: Male

DAY ON TEST: 736

DOSE: 2 MG/M3 MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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	Lymph Node - Bronchial	Lymph Node - Mandibular	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Urinary Bladder			

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Focal Cellular Change	Mild
	Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Mild
	Medulla	Pheochromocytoma Benign	
Heart		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 2-5		
Larynx		Inflammation	Suppurative, Minimal
		Metaplasia	Squamous, Minimal
Liver		Basophilic Focus	Minimal
		Inflammation	Granulomatous, Focal, Minimal
		Leukemia Mononuclear	
Lung	Perivascular	Infiltration Cellular	Mononuclear CI, Minimal
Mammary Gland		Hyperplasia	Mild
Nose	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Mild
		Inflammation	Suppurative, Mild
Pancreas	Acinus	Atrophy	Marked
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 4-8		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8136

TRT#: 5

SEX: Male

DAY ON TEST: 736

DOSE: 2 MG/M3 MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland		Adenoma Inflammation	Suppurative, Moderate
Note: ADENOMA	TGLs = 5-7		
Note: INFLAMMATION	TGLs = 5-7		
Prostate		Inflammation	Suppurative, Mild
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 1-7		
Thyroid Gland	C Cell	Hyperplasia	Mild
Trachea	Epithelium	Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8137

TRT#: 5

SEX: Male

DAY ON TEST: 527

DOSE: 2 MG/M3 MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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
Pancreas	Parathyroid Gland	Preputial Gland	Prostate
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Thymus

OBSERVATIONS

Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 1-5		
Mammary Gland		Galactoceles	Minimal
Nose		Inflammation	Suppurative, Minimal
		Inflammation	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA]	TGLs = 2-8		
Seminal Vesicle		Inflammation	Suppurative, Minimal
Testes	Interstitial Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8138

TRT#: 5

SEX: Male

DAY ON TEST: 540

DOSE: 2 MG/M3 MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Eye	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	Parathyroid Gland	Skin
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Epididymis

OBSERVATIONS

Heart		Inflammation	Chronic, Marked
Kidney		Nephropathy	Mild
Liver		Degeneration	Fatty, Minimal
		Hematopoietic Cell Proliferation	Minimal
Mammary Gland		Galactocele	Minimal
Nose	Respirat Epith	Hyperplasia	Mild
		Inflammation	Moderate
		Inflammation	Suppurative, Mild
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 2-8			
Preputial Gland		Inflammation	Suppurative, Mild
Note: INFLAMMATION TGLs = 1-7			
Prostate		Inflammation	Suppurative, Minimal
Salivary Glands	Duct	Hyperplasia	Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
Stomach	Forestomach	Hyperplasia	Squamous, Moderate
	Forestomach	Inflammation	Moderate
Testes	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroacetophenone (CN)
CAS Number: 532-27-4

Date Report Requested: 10/23/2014
Time Report Requested: 09:51:58
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8138

TRT#: 5

SEX: Male

DAY ON TEST: 540

DOSE: 2 MG/M3 MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8139

TRT#: 5

SEX: Male

DAY ON TEST: 736

DOSE: 2 MG/M3 MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Eye	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	Salivary Glands	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

INSUFFICIENT TISSUE

Epididymis	Intestine Large - Cecum
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OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
	Medulla	Hyperplasia	Moderate
	Medulla	Pheochromocytoma Benign	
Heart		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
Kidney		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 5-5		
Larynx		Inflammation	Suppurative, Minimal
Liver		Basophilic Focus	Minimal
		Degeneration	Cystic, Moderate
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hyperplasia	Mild
		Leukemia Mononuclear	
Note: ANOM HEPAT LOB	TGLs = 4-11		
Lung	Alveolar Epith	Hyperplasia	Mild
	Bronchiole, Epithelium	Hyperplasia	Minimal
	Bronchus, Epithelium	Hyperplasia	Mild
	Perivascular	Infiltration Cellular	Mononuclear Cl, Mild
		Inflammation	Chronic, Focal, Mild
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8139

TRT#: 5

SEX: Male

DAY ON TEST: 736

DOSE: 2 MG/M3 MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Organ	Accountable Site	Status	Notes
Mammary Gland	Bronchus, Epithelium	Metaplasia Adenoma Hyperplasia	Squamous, Minimal Mild
Nose	Respirat Epith	Hyperplasia Inflammation Inflammation	Minimal Mild Suppurative, Minimal
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Angiectasis	Moderate
Preputial Gland		Inflammation	Suppurative, Mild
Prostate		Inflammation	Suppurative, Mild
Skin	Subcut Tiss	Fibroma Keratoacanthoma	
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
Tooth		Inflammation	Chronic, Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8140

TRT#: 5

SEX: Male

DAY ON TEST: 706

DOSE: 2 MG/M3 MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Epididymis	Esophagus
Eye	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	Preputial Gland
Skin	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Lymph Node - Mandibular

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Moderate
	Medulla	Hyperplasia	Mild
	Medulla	Pheochromocytoma Benign	
Brain		Hemorrhage	Marked
		Thrombosis	Marked
	[Hemorrhage TGLS = 2-1]		
	[Thrombosis TGLS = 2-1]		
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Marked
Liver		Inflammation	Granulomatous, Focal, Minimal
		Leukocytosis	
		Necrosis	Minimal
Mammary Gland		Galactocele	Mild
Nose	Respirat Epith	Hyperplasia	Moderate
	Nasolacrim Dct	Inflammation	Suppurative, Mild
	Vomeronas Org	Inflammation	Suppurative, Mild
		Inflammation	Mild
		Inflammation	Suppurative, Minimal
	Respirat Epith	Metaplasia	Squamous, Moderate
Pancreas	Acinus	Atrophy	Minimal
Parathyroid Gland		Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8140

TRT#: 5

SEX: Male

DAY ON TEST: 706

DOSE: 2 MG/M3 MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: THE BLOCK SINCE THE TRIMMER NOTED THE GROSS FINDING

Note: INDICATED THAT A RECUOT PROBABLY WOULD NOT HELP IN

Note: IN THE NORMAL POSITION. EXAMINATION OF THE BLOCK

Note: LOCATING THE OTHER PARATHYROID. I PRESUME IT WAS IN

Note: ONLY ONE PARATHYROID PRESENT ON SLIDE AND IT IS

[Hyperplasia TGLS = 4-2]

Pituitary Gland

Pars Distalis

Adenoma

Note: [ADENOMA] TGLs = 1-8

Prostate

Inflammation

Suppurative, Minimal

Salivary Glands

Duct

Hyperplasia

Minimal

Spleen

Fibrosis

Moderate

Note: FIBROSIS TGLs = 3-11

Stomach

Forestomach

Hyperplasia

Squamous, Marked

Forestomach

Inflammation

Moderate

Forestomach

Ulcer

Minimal

Note: [HYPERPLASIA] TGLs = 6-12

Note: ULCER TGLs = 6-12

Testes

Interstit Cell

Hyperplasia

Minimal

Perivascular

Inflammation

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8141

TRT#: 5

SEX: Male

DAY ON TEST: 444

DOSE: 2 MG/M3 MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Epididymis
Intestine Large - Rectum
Islets, Pancreatic
Lymph Node - Mandibular
Skin
Trachea

Adrenal Gland - Medulla
Eye
Intestine Small - Duodenum
Larynx
Preputial Gland
Spleen
Urinary Bladder

Bone
Heart
Intestine Small - Ileum
Lung
Prostate
Stomach - Glandular

Bone Marrow
Intestine Large - Colon
Intestine Small - Jejunum
Lymph Node - Bronchial
Salivary Glands
Thymus

MISSING

Esophagus
Thyroid Gland

Intestine Large - Cecum

Mammary Gland

Parathyroid Gland

OBSERVATIONS

Brain
Note: [ASTROCYTO MAL] TGLs = 4-1+11
Note: [ASTROCYTO MAL] TGLs = 3-1+11

Astrocytoma Malignant

Kidney
Liver

Nephropathy
Degeneration
Inflammation

Minimal
Fatty, Moderate
Granulomatous, Focal, Minimal

Nose
Respirat Epith
Nasolacrim Dct
Olfactory Epi
Respirat Epith

Hyperplasia
Inflammation
Inflammation

Minimal
Suppurative, Minimal
Suppurative, Minimal

Pancreas
Pituitary Gland
Note: ADENOMA TGLs = 2-8

Metaplasia
Metaplasia
Inflammation
Adenoma

Minimal
Squamous, Minimal
Minimal

Stomach
Testes
Forestomach
Interstit Cell

Hyperplasia
Adenoma
Atrophy

Squamous, Moderate
Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8142

TRT#: 5

SEX: Male

DAY ON TEST: 598

DOSE: 2 MG/M3 MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	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	Lung
Parathyroid Gland	Preputial Gland	Prostate	Salivary Glands
Spleen	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Lymph Node - Bronchial	Mammary Gland	Skin
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OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Moderate
Liver		Basophilic Focus	Minimal
		Degeneration	Fatty, Mild
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Granulomatous, Focal, Minimal
	Hepatocyte	Necrosis	Minimal
Lymph Node	Mandibular	Hyperplasia	Mild
Nose	Olfactory Epi	Degeneration	Minimal
	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Minimal
		Inflammation	Suppurative, Minimal
	Respirat Epith	Metaplasia	Squamous, Mild
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 1-8			
Stomach	Forestomach	Hyperplasia	Squamous, Minimal
	Forestomach	Inflammation	Minimal
Note: HYPERPLASIA TGLs = 3-8			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroacetophenone (CN)
CAS Number: 532-27-4

Date Report Requested: 10/23/2014
Time Report Requested: 09:51:58
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 8142

TRT#: 5
DOSE: 2 MG/M3 MALE

SEX: Male
DISP: Moribund

DAY ON TEST: 598
HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Atrophy	Minimal
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PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8143

TRT#: 5

SEX: Male

DAY ON TEST: 669

DOSE: 2 MG/M3 MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Islets, Pancreatic	Larynx
Pancreas	Parathyroid Gland	Prostate	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	

MISSING

Lymph Node - Bronchial	Mammary Gland
------------------------	---------------

AUTO PRECLUDES DIAG.

Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Eye	Lens	Degeneration	Mild
Heart		Inflammation	Chronic, Mild
Intestine Large	Cecum	Parasite Metazoan	
	Colon	Parasite Metazoan	
Kidney		Nephropathy	Moderate
Liver		Basophilic Focus	Minimal
		Degeneration	Cystic, Minimal
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Hyperplasia	Mild
Nose	Respirat Epith	Hyperplasia	Mild
		Inflammation	Moderate
		Inflammation	Suppurative, Minimal
Pituitary Gland	Respirat Epith	Metaplasia	Squamous, Mild
	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 3-8			
Preputial Gland	Duct	Ectasia	Marked
		Hyperplasia	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8143

TRT#: 5

SEX: Male

DAY ON TEST: 669

DOSE: 2 MG/M3 MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [HYPERPLASIA] TGLs = 1-7
Spleen

Fibrosis
Leukemia Mononuclear

Moderate

Note: FIBROSIS TGLs = 2-11

Note: LEUKEMIA MONUC TGLs = 2-4

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8144

TRT#: 5

SEX: Male

DAY ON TEST: 686

DOSE: 2 MG/M3 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	Parathyroid Gland	Preputial Gland
Salivary Glands	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Focal Cellular Change	Minimal
	Medulla	Hyperplasia	Mild
	Medulla	Pheochromocytoma Malignant	
Note: CARCINOMA TGLs = 4-12 Eye	Retina	Atrophy	Marked
	Lens	Degeneration	Moderate
Note: DEGEN TGLs = 5-11 Note: MINERALIZATION TGLs = 5-11	Lens	Mineralization	Mild
	Lens	Synechia	Mild
Heart Kidney	Renal Tubule	Inflammation	Chronic, Minimal
		Adenoma	
		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 3-5+12 Liver	Bile Duct	Basophilic Focus	Minimal
		Hematopoietic Cell Proliferation	Mild
		Hyperplasia	Minimal
	Inflammation	Granulomatous, Focal, Minimal	
	Leukemia Mononuclear		
	Necrosis	Minimal	
Lung Lymph Node	Perivascular	Infiltration Cellular	Mononuclear CI, Minimal
	Mandibular	Angiectasis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8144

TRT#: 5

SEX: Male

DAY ON TEST: 686

DOSE: 2 MG/M3 MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ANGIECTASIS Mammary Gland Nose	TGLs = 1-7	Mandibular	Hyperplasia	Moderate
			Galactocele	Mild
			Carcinoma	Metastatic (Skin)
		Olfactory Epi	Degeneration	Mild
		Respirat Epith	Hyperplasia	Mild
		Nasolacrim Dct	Inflammation	Suppurative, Mild
			Inflammation	Suppurative, Mild
			Inflammation	Moderate
		Respirat Epith	Metaplasia	Squamous, Moderate
Note: OLFACTORY EPITHELIAL DEGENERATION MAY BE SECONDARY Note: TO TUMOR INVASION.				
Pancreas		Acinus	Atrophy	Mild
Pituitary Gland		Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 8-8			
Prostate		Epithelium	Hyperplasia	Minimal
Skin			Basal Cell Adenoma	
			Basal Cell Carcinoma	
Note: DIFFERENTIAL DIAGNOSIS OF FIBROSARCOMA MAY BE IN Note: A BASAL CELL TUMOR. TUMOR INVADES INTO NASAL CAVITY_ Note: ORDER, BUT I FEEL THIS IS A SPINDLE CELL VARIANT OF [Basal Cell Adenoma TGLS = 6-13] [Basal Cell Carcinoma TGLS = 7-14]				
Spleen			Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-4			
PRIMARY CAUSE OF DEATH		-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8145

TRT#: 5

SEX: Male

DAY ON TEST: 595

DOSE: 2 MG/M3 MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Pancreas
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Parathyroid Gland	Thymus
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INSUFFICIENT TISSUE

Mammary Gland	Pituitary Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Bone Marrow		Leukemia Mononuclear	
Eye		Leukemia Mononuclear	
Heart		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
Kidney		Nephropathy	Mild
Larynx		Inflammation	Suppurative, Minimal
Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-4		
Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic, Focal, Mild
		Leukemia Mononuclear	
Lymph Node	Bronchial	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
Nose	Respirat Epith	Hyperplasia	Minimal
	Nasolacrim Dct	Inflammation	Suppurative, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8145

TRT#: 5

SEX: Male

DAY ON TEST: 595

DOSE: 2 MG/M3 MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Mild
		Inflammation	Suppurative, Minimal
	Respirat Epith	Metaplasia	Squamous, Mild
Preputial Gland		Inflammation	Suppurative, Mild
Prostate		Inflammation	Suppurative, Mild
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-4			
Testes	Interstit Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8146

TRT#: 5

SEX: Male

DAY ON TEST: 694

DOSE: 2 MG/M3 MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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
Parathyroid Gland	Preputial Gland	Prostate	Salivary Glands
Skin	Stomach - Forestomach	Thymus	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Brain		Leukemia Mononuclear	
Eye		Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Kidney		Nephropathy	Mild
Liver		Degeneration	Fatty, Mild
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1,5-4		
Lung		Hemorrhage	Minimal
		Leukemia Mononuclear	
Lymph Node	Bronchial	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 6-7		
Nose	Respirat Epith	Hyperplasia	Mild
	Vomeronas Org	Inflammation	Suppurative, Mild
		Inflammation	Mild
		Inflammation	Suppurative, Mild
	Respirat Epith	Metaplasia	Squamous, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8146

TRT#: 5

SEX: Male

DAY ON TEST: 694

DOSE: 2 MG/M3 MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas	Acinus	Atrophy	Mild
Pituitary Gland Note: [LEUKEMIA MONUC] TGLs = 3-8	Pars Distalis	Leukemia Mononuclear	
Spleen Note: LEUKEMIA MONUC TGLs = 2-4		Leukemia Mononuclear	
Stomach	Glandular	Inflammation	Mild
Testes Note: ATROPHY TGLs = 4-7		Atrophy	Marked
Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8147

TRT#: 5

SEX: Male

DAY ON TEST: 694

DOSE: 2 MG/M3 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	Parathyroid Gland	Prostate
Skin	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Epididymis	Lymph Node - Mandibular	Salivary Glands	
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OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Bilateral, Medulla	Pheochromocytoma Benign	
Eye		Leukemia Mononuclear	
Heart		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
	Atrium	Thrombosis	Moderate
Note: THROMBUS TGLs = 3-4			
Islets, Pancreatic		Hyperplasia	Marked
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Larynx		Inflammation	Suppurative, Minimal
Liver		Degeneration	Fatty, Moderate
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-4			
Note: DEGEN TGLs = 2-4			
Lung	Artery, Intima	Inflammation	Chronic, Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 8-12			
Lymph Node	Bronchial	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8147

TRT#: 5

SEX: Male

DAY ON TEST: 694

DOSE: 2 MG/M3 MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Mammary Gland		Galactocele	Mild
Nose	Respirat Epith	Hyperplasia	Mild
		Inflammation	Mild
	Respirat Epith	Inflammation	Suppurative, Minimal
		Metaplasia	Squamous, Mild
		Thrombosis	Mild
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Leukemia Mononuclear	
Preputial Gland		Inflammation	Suppurative, Mild
Note: INFLAMMATION TGLs = 5-7			
Spleen		Leukemia Mononuclear	
		Necrosis	Mild
Note: LEUKEMIA MONUC TGLs = 1-4+11			
Note: NECROSIS TGLs = 7-11			
Stomach	Forestomach	Hyperplasia	Squamous, Marked
	Forestomach	Inflammation	Marked
	Forestomach	Ulcer	Marked
Note: INFLAMMATION TGLs = 10-13			
Note: ULCER TGLs = 10-13			
Note: HYPERPLASIA ON SLIDE 8 IS ONLY MILD			
Note: HYPERPLASIA TGLs = 9,10-8+13			
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 6-7			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8148

TRT#: 5

SEX: Male

DAY ON TEST: 694

DOSE: 2 MG/M3 MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	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	Lung
Lymph Node - Mandibular	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Urinary Bladder

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
	Cortex	Hematopoietic Cell Proliferation	Mild
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Minimal
	Bile Duct	Hyperplasia	Mild
Lymph Node	Bronchial	Inflammation	Granulomatous, Moderate
Nose	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Mild
		Inflammation	Suppurative, Minimal
	Respirat Epith	Metaplasia	Squamous, Mild
Pancreas	Acinus	Atrophy	Moderate
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Preputial Gland		Inflammation	Suppurative, Minimal
Prostate		Inflammation	Suppurative, Minimal
Spleen		Fibrosis	Mild
Note: FIBROSIS	TGLs = 3-11		
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 4-7		
Thyroid Gland	C Cell	Hyperplasia	Minimal
Trachea		Inflammation	Suppurative, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8148

TRT#: 5

SEX: Male

DAY ON TEST: 694

DOSE: 2 MG/M3 MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8149

TRT#: 5

SEX: Male

DAY ON TEST: 630

DOSE: 2 MG/M3 MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Parathyroid Gland
Preputial Gland	Stomach - Forestomach	Stomach - Glandular	Testes
Thymus	Thyroid Gland	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-5		
Bone Marrow		Leukemia Mononuclear	
Brain		Hemorrhage	Moderate
		Leukemia Mononuclear	
[Hemorrhage TGLS = 9-12+1]			
Eye		Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
Note: LEUKEMIA MONUC	TGLs = 4-5		
Liver		Degeneration	Marked
	Bile Duct	Hyperplasia	Moderate
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 10-4		
Note: LEUKEMIA MONUC	TGLs = 5-4		
Lung		Leukemia Mononuclear	
Lymph Node	Bronchial	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 6-11		
Mammary Gland		Galactocele	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8149

TRT#: 5

SEX: Male

DAY ON TEST: 630

DOSE: 2 MG/M3 MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Nose	Olfactory Epi Respirat Epith Nasolacrim Dct	Degeneration Hyperplasia Inflammation Inflammation Inflammation Leukemia Mononuclear	Minimal Minimal Suppurative, Mild Suppurative, Minimal Mild
Pancreas	Olfactory Epi Acinus	Metaplasia Atrophy	Minimal Minimal
Pituitary Gland	Pars Distalis Pars Distalis	Adenoma Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 7-8			
Prostate	Epithelium	Hyperplasia Inflammation	Minimal Suppurative, Mild
Salivary Glands	Duct	Hyperplasia Inflammation	Minimal Minimal
Skin		Keratoacanthoma	
Note: KERATOACANTHMA TGLs = 8-14			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-13			
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8150

TRT#: 5

SEX: Male

DAY ON TEST: 630

DOSE: 2 MG/M3 MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Pancreas	Parathyroid Gland
Prostate	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland		

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4-5		
Bone Marrow		Leukemia Mononuclear	
Brain		Leukemia Mononuclear	
Eye		Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Larynx		Inflammation	Suppurative, Mild
Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
		Necrosis	Mild
		Thrombosis	Mild
Note: LEUKEMIA MONUC	TGLs = 3-4+12		
Lung		Alveolar/Bronchiolar Adenoma	
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 6-3+11		
Note: ALV BRON ADEN	TGLs = 7-11		
Lymph Node	Bronchial	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8150

TRT#: 5

DOSE: 2 MG/M3 MALE

SEX: Male

DISP: Moribund

DAY ON TEST: 630

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LEUKEMIA MONUC TGLs = 5-3 Nose	Renal	Leukemia Mononuclear	
	Respirat Epith	Hyperplasia Inflammation Inflammation Leukemia Mononuclear	Mild Suppurative, Mild Mild
	Respirat Epith	Metaplasia Thrombosis	Squamous, Moderate Moderate
Note: EPITHELIAL EROSIONS PRESENT IN THIS RAT NOSE Pituitary Gland Preputial Gland Spleen	Pars Distalis	Leukemia Mononuclear Inflammation Leukemia Mononuclear	Suppurative, Minimal
Note: LEUKEMIA MONUC TGLs = 2-4 Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-7 Thymus Trachea Urinary Bladder		Leukemia Mononuclear Inflammation Leukemia Mononuclear	Suppurative, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9401

TRT#: 1

SEX: Male

DAY ON TEST: 427

DOSE: CONTROL MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Eye	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Bronchial	Pancreas	Preputial Gland
Salivary Glands	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	

MISSING

Epididymis	Intestine Large - Cecum	Lymph Node - Mandibular	Mammary Gland
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INSUFFICIENT TISSUE

Parathyroid Gland

OBSERVATIONS

Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Minimal
Larynx		Inflammation	Suppurative, Minimal
Liver	Bile Duct	Hyperplasia	Minimal
Lung	Perivascular	Infiltration Cellular	Mononuclear CI, Minimal
Nose		Inflammation	Minimal
		Inflammation	Suppurative, Minimal
	Olfactory Epi	Metaplasia	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Prostate		Inflammation	Suppurative, Moderate
Skin	Prepuce	Inflammation	Suppurative, Mild
Spinal Cord		Hemorrhage	Mild
Note: HEMMORRHAGE SEEMS ANTEMORTEM AND ACUTE.CAUSE UNKNOWN.			
Testes	Interstit Cell	Hyperplasia	Minimal
Urinary Bladder		Calculus Gross Observation	
		Calculus Micro Observation Only	
	Transit Epithe	Hyperplasia	Mild
		Inflammation	Suppurative, Minimal

Note: CALCUS MIC OBS TGLs = 2-8

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroacetophenone (CN)
CAS Number: 532-27-4

Date Report Requested: 10/23/2014
Time Report Requested: 09:51:58
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9401

TRT#: 1

SEX: Male

DAY ON TEST: 427

DOSE: CONTROL MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: CALCUS GRO OBS TGLs = 2-8

Note: INFLAMMATION TGLs = 1-8

Note: HYPERPLASIA TGLs = 1-8

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9402

TRT#: 1

SEX: Male

DAY ON TEST: 577

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	Lymph Node - Mandibular
Mammary Gland	Nose	Pancreas	Pituitary Gland
Preputial Gland	Prostate	Spleen	Stomach - Forestomach
Stomach - Glandular	Urinary Bladder		

MISSING

Parathyroid Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Minimal
Lung		Carcinoma	Metastatic (Thyroid Gland)
	Peribronchial	Infiltration Cellular	Mononuclear CI, Mild
	Perivascular	Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic, Focal, Minimal
		Sarcoma	Metastatic (Tissue Nos)
Lymph Node	Bronchial	Congestion	Moderate
	Bronchial	Sarcoma	Metastatic (Uncertain Primary Site)
Salivary Glands		Hemorrhage	Moderate
Skin		Cyst Epithelial Inclusion	
Note: CYST EPITH INC TGLs = 3-14			
Testes	Bilateral, Interstit Cell	Adenoma	
Thyroid Gland	C Cell	Carcinoma	
Note: CARCINOMA TGLs = 5-2			
Tissue NOS		Sarcoma	
Note: [SARCOMA] TGLs = 2,4-11+12+13			
Note: ORIGIN OF SARCOMA IS UNCLEAR. NO LIVER INVOLVEMENT			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9402

TRT#: 1

SEX: Male

DAY ON TEST: 577

DOSE: CONTROL MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: THE TUMOR WAS SEEN IN THORACIC AND PERITONEAL CAVITIES

Trachea

Epithelium

Epithelium

Carcinoma

Hyperplasia

Metaplasia

Metastatic (Thyroid Gland)

Mild

Squamous, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9403

TRT#: 1

SEX: Male

DAY ON TEST: 605

DOSE: CONTROL MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Esophagus	Intestine Large - Cecum
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Nose	Parathyroid Gland
Preputial Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Epididymis	Mammary Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Moderate
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4-5		
Note: LEUKEMIA MONUC	TGLs = 4-5		
Bone Marrow		Leukemia Mononuclear	
		Myelofibrosis	Mild
Eye		Leukemia Mononuclear	
Heart		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
Intestine Large	Colon	Parasite Metazoan	
Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
	Hepatocyte	Necrosis	Minimal
Note: LEUKEMIA MONUC	TGLs = 3-4		
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 5-3		
Lymph Node	Bronchial	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-7		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9403

TRT#: 1

SEX: Male

DAY ON TEST: 605

DOSE: CONTROL MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas	Acinus	Atrophy	Moderate
Pituitary Gland	Pars Distalis	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 6-8		Leukemia Mononuclear	
Prostate	Epithelium	Hyperplasia	Minimal
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-11			
Testes	Interstit Cell	Hyperplasia	Minimal
Thymus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9404

TRT#: 1

SEX: Male

DAY ON TEST: 650

DOSE: CONTROL MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Mammary Gland	Parathyroid Gland
Preputial Gland	Prostate	Salivary Glands	Skin
Stomach - Forestomach	Thyroid Gland	Trachea	

MISSING

Lymph Node - Bronchial

AUTO PRECLUDES DIAG.

Intestine Small - Ileum Nose

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Brain		Leukemia Mononuclear	
Eye	Lens	Degeneration	Minimal
		Leukemia Mononuclear	
Heart		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
	Atrium	Thrombosis	Mild
Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
		Necrosis	Moderate
Note: LEUKEMIA MONUC	TGLs = 2-4		
Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Pancreas		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9404

TRT#: 1

SEX: Male

DAY ON TEST: 650

DOSE: CONTROL MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen			Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-4			
Stomach		Glandular	Ulcer	Mild
Note: ULCER	TGLs = 6-8			
Testes		Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 5-7			
Thymus			Leukemia Mononuclear	
Urinary Bladder			Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9405

TRT#: 1

SEX: Male

DAY ON TEST: 672

DOSE: CONTROL MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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	Lymph Node - Bronchial	Lymph Node - Mandibular
Mammary Gland	Pancreas	Parathyroid Gland	Preputial Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Testes	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
	Medulla	Hyperplasia	Mild
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Moderate
Liver		Basophilic Focus	Minimal
		Inflammation	Granulomatous, Focal, Minimal
		Leukemia Mononuclear	
	Hepatocyte	Necrosis	Minimal
Note: LEUKEMIA MONUC TGLs = 1-4			
Lung		Inflammation	Chronic, Diffuse, Moderate
Nose		Inflammation	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 2-8			
Prostate		Adenoma	
Spleen		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9406

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Eye	Intestine Large - Cecum	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Lymph Node - Bronchial
Pancreas	Prostate	Salivary Glands	Skin
Spleen	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Medulla	Pheochromocytoma Benign	
	Medulla	Pheochromocytoma Malignant	
Note: PHEOCHROM MAL	TGLs = 3-5		
Heart		Inflammation	Chronic, Moderate
Intestine Large	Colon	Parasite Metazoan	
Islets, Pancreatic		Adenoma	
Kidney	Renal Tubule	Hyperplasia	Minimal
		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 4-5		
Larynx		Inflammation	Suppurative, Mild
Liver		Basophilic Focus	Minimal
		Degeneration	Cystic, Mild
		Eosinophilic Focus	Moderate
Lung	Alveolar Epith	Hyperplasia	Minimal
	Bronchiole, Epithelium	Hyperplasia	Minimal
		Inflammation	Chronic, Focal, Mild
Lymph Node	Mandibular	Hyperplasia	Minimal
Mammary Gland		Hyperplasia	Minimal
Nose	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Suppurative, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9406

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland	Pars Distalis	Inflammation	Minimal
Preputial Gland		Adenoma	
Note: SQUAM CEL CARC	TGLs = 1-11+12	Squamous Cell Carcinoma	
Stomach	Forestomach	Hyperplasia	Squamous, Mild
Note: HYPERPLASIA	TGLs = 6-13		
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 2,5-7		
Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9407

TRT#: 1

SEX: Male

DAY ON TEST: 707

DOSE: CONTROL MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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	Lymph Node - Bronchial	Lymph Node - Mandibular
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex Medulla	Degeneration Pheochromocytoma Benign	Fatty, Minimal
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus Hepatodiaphragmatic Nodule	Minimal
	Bile Duct Hepatocyte	Hyperplasia Hyperplasia Inflammation Leukemia Mononuclear	Minimal Minimal Granulomatous, Focal, Minimal
Note: ANOM HEPAT LOB	TGLs = 4-18		
Lung		Neoplasm Nos	Metastatic (Tissue Nos)
Note: [NEOPLASM NOS]	TGLs = 6,7-11+12		
Note: CHANGED TO NEOPLASM, NOS BECAUSE CHORDOMA IS NOT AN			
Note: AVAILABLE TERM			
Mammary Gland		Hyperplasia	Minimal
Nose		Inflammation Inflammation	Minimal Suppurative, Minimal
Pancreas	Acinus	Atrophy	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA]	TGLs = 5-8		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9407

TRT#: 1

SEX: Male

DAY ON TEST: 707

DOSE: CONTROL MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland Note: INFLAMMATION TGLs = 1-7		Inflammation	Suppurative, Moderate
Prostate Note: INFLAMMATION TGLs = 3-16+17		Inflammation	Suppurative, Marked
Seminal Vesicle Note: HEMORRHAGE TGLs = 10-17		Hemorrhage	Moderate
Spleen Note: FIBROSIS TGLs = 8-15		Fibrosis Leukemia Mononuclear	Mild
Testes Note: [CHORDOMA] TGLs = 2-13+14 Note: IN ABDOMINAL CAVITY. SOME CARTILAGINOUS METAPLASIA	Interstit Cell	Hyperplasia Chordoma	Minimal
Urinary Bladder Note: CALCUS MIC OBS TGLs = 9-16	Transit Epithe	Calculus Gross Observation Calculus Micro Observation Only Hyperplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9408

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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	Lymph Node - Mandibular	Nose	Preputial Gland
Skin	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Moderate
Larynx		Inflammation	Suppurative, Minimal
Liver		Basophilic Focus	Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Granulomatous, Focal, Minimal
		Leukemia Mononuclear	
		Necrosis	Minimal
Note: LEUKEMIA MONUC TGLs = 3-4			
Lung		Inflammation	Chronic, Focal, Mild
		Leukemia Mononuclear	
		Osteosarcoma	Metastatic (Uncertain Primary Site)
Note: OSTEOSARC TGLs = 8-12			
Note: OSTEOSARC TGLs = 9-13			
Note: OSTEOSARC TGLs = 10-14			
[Leukemia Mononuclear TGLS = 4-3+11]			
Lymph Node	Bronchial	Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9408

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Parathyroid Gland

Pituitary Gland

Note: [ADENOMA] TGLs = 5-8

Prostate

Salivary Glands

Spleen

Note: LEUKEMIA MONUC TGLs = 2-4

Testes

Note: ADENOMA TGLs = 6,7-7

Pars Distalis

Pars Distalis

Epithelium

Duct

Bilateral, Interstit Cell

Hyperplasia

Adenoma

Leukemia Mononuclear

Hyperplasia

Hyperplasia

Leukemia Mononuclear

Adenoma

Mild

Marked

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9409

TRT#: 1

SEX: Male

DAY ON TEST: 733

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
Lymph Node - Mandibular	Pancreas	Parathyroid Gland	Prostate
Salivary Glands	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Epididymis

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Moderate
	Medulla	Hyperplasia	Mild
Eye	Cornea	Inflammation	Suppurative, Minimal
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 4-5		
Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Focal, Minimal
		Leukemia Mononuclear	
Lymph Node	Bronchial	Leukemia Mononuclear	
Mammary Gland		Galactocele	Mild
Nose	Olfactory Epi	Degeneration	Minimal
		Foreign Body	Minimal
	Respirat Epith	Hyperplasia	Mild
	Vomeronas Org	Inflammation	Suppurative, Minimal
		Inflammation	Suppurative, Minimal
		Inflammation	Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9409

TRT#: 1

SEX: Male

DAY ON TEST: 733

DOSE: CONTROL MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA	TGLs = 6-8		
Preputial Gland		Inflammation	Suppurative, Mild
Skin		Keratoacanthoma	
Note: KERATOACANTHMA	TGLs = 5-11		
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-4		
Testes		Adenoma	
Thymus	Interstit Cell	Leukemia Mononuclear	
Urin Bladder			
Note: BLADDER CONTAINED PROTEIN-LIKE MATERIAL NOT SIGNIFICANT			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9410

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Focal Cellular Change	Mild
	Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Mild
Brain		Metaplasia	Osseous, Mild
Heart		Inflammation	Chronic, Minimal
Kidney		Cyst	Mild
		Nephropathy	Moderate
Note: CYST	TGLs = 3-5+11		
Liver		Basophilic Focus	Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Granulomatous, Focal, Minimal
		Leukemia Mononuclear	
Lung	Perivascular	Infiltration Cellular	Mononuclear Cl, Minimal
Lymph Node	Bronchial	Hyperplasia	Mild
	Mandibular	Hyperplasia	Mild
Mammary Gland		Hyperplasia	Mild
Nose	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Mild
		Inflammation	Suppurative, Minimal
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Prostate		Inflammation	Suppurative, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9410

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Skin		Basal Cell Carcinoma Inflammation Keratoacanthoma	Suppurative, Moderate
Note: KERATOACANTHMA	TGLs = 2-12		
Note: BASAL CEL CARC	TGLs = 1-13		
Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 4-7		
Thyroid Gland	C Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9411

TRT#: 1

SEX: Male

DAY ON TEST: 721

DOSE: CONTROL MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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	Lymph Node - Bronchial	Lymph Node - Mandibular
Pancreas	Preputial Gland	Spleen	Stomach - Forestomach
Thymus	Thyroid Gland	Trachea	

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Medulla	Hyperplasia	Moderate
Heart		Inflammation	Chronic, Moderate
Kidney		Mineralization	Moderate
		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 1-5		
Liver		Angiectasis	Marked
		Basophilic Focus	Minimal
	Hepatocyte	Hyperplasia	Mild
		Inflammation	Granulomatous, Focal, Minimal
Lung		Mineralization	Mild
Mammary Gland		Hyperplasia	Minimal
Nose	Respirat Epith	Hyperplasia	Moderate
		Inflammation	Suppurative, Mild
		Inflammation	Mild
	Respirat Epith	Metaplasia	Squamous, Minimal
Parathyroid Gland		Hyperplasia	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA]	TGLs = 2-8		
Prostate		Hemorrhage	Mild
		Inflammation	Suppurative, Mild
Note: HEMORRHAGE	TGLs = 4-8		
Salivary Glands	Duct	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9411

TRT#: 1

SEX: Male

DAY ON TEST: 721

DOSE: CONTROL MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Skin	Subcut Tiss	Inflammation	Minimal
Stomach	Glandular	Inflammation	Chronic, Mild
	Glandular	Inflammation	Mild
		Mineralization	Mild
Note: INFLAMMATION	TGLs = 3-11		
Testes	Interstit Cell	Hyperplasia	Minimal
Urinary Bladder		Hemorrhage	Moderate
	Transit Epithe	Hyperplasia	Minimal
		Inflammation	Suppurative, Mild
		Mineralization	Mild
Note: HEMORRHAGE	TGLs = 5-8		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9412

TRT#: 1

SEX: Male

DAY ON TEST: 721

DOSE: CONTROL MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Parathyroid Gland	Preputial Gland
Salivary Glands	Skin	Thyroid Gland	Trachea

MISSING

Epididymis	Mammary Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Bilateral, Medulla	Pheochromocytoma Benign	
Note: LEUKEMIA MONUC	TGLs = 5-5		
Bone Marrow		Leukemia Mononuclear	
Brain		Leukemia Mononuclear	
Eye		Leukemia Mononuclear	
Heart		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
	Atrium	Thrombosis	Mild
Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
Liver		Degeneration	Fatty, Moderate
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-4+11		
Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Leukemia Mononuclear	
		Pigmentation	Hemosiderin, Mild
Lymph Node	Mandibular	Hematopoietic Cell Proliferation	Mild
	Bronchial	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 6-2+3		
Nose	Respirat Epith	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9412

TRT#: 1

SEX: Male

DAY ON TEST: 721

DOSE: CONTROL MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

	Nasolacrim Dct	Inflammation	Suppurative, Minimal
		Inflammation	Suppurative, Minimal
		Inflammation	Minimal
		Thrombosis	Moderate
Pancreas		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 9-12		
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 7-9		
Prostate		Inflammation	Suppurative, Moderate
Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-4		
Stomach	Forestomach	Hyperplasia	Squamous, Mild
	Forestomach	Inflammation	Moderate
	Glandular	Inflammation	Minimal
	Forestomach	Leukemia Mononuclear	
	Forestomach	Ulcer	Moderate
Note: ULCER	TGLs = 10-8		
Note: INFLAMMATION	TGLs = 11-8		
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 1-7		
Thymus		Leukemia Mononuclear	
Urinary Bladder		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9413

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: CONTROL 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
Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular	Parathyroid Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex Bilateral, Medulla	Hyperplasia Pheochromocytoma Benign	Minimal
Eye	Retina	Atrophy	Mild
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Moderate
Liver		Basophilic Focus Clear Cell Focus	Mild Minimal
	Bile Duct	Hyperplasia Leukemia Mononuclear	Minimal Minimal
Lung	Alveolus	Infiltration Cellular Pigmentation	Histiocyte, Minimal Hemosiderin, Minimal
Mesentery	Fat Fat	Inflammation Necrosis	Chronic, Moderate Moderate
Note: INFLAMMATION TGLs = 3-11			
Nose	Respirat Epith Nasolacrim Dct	Hyperplasia Inflammation Inflammation	Minimal Suppurative, Minimal Minimal
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Marked
Preputial Gland		Inflammation	Suppurative, Moderate
Prostate	Epithelium	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9413

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma Atrophy	Moderate
Note: ATROPHY	TGLs = 1-7		
Note: ADENOMA	TGLs = 2-7		
Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9414

TRT#: 1

SEX: Male

DAY ON TEST: 605

DOSE: CONTROL MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Eye	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Parathyroid Gland	Preputial Gland
Prostate	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Focal Cellular Change	Moderate
	Medulla	Hyperplasia	Minimal
	Cortex	Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Heart		Inflammation	Chronic, Moderate
Intestine Large	Cecum	Parasite Metazoan	
	Colon	Parasite Metazoan	
Kidney		Nephropathy	Mild
Larynx		Inflammation	Suppurative, Minimal
Liver		Basophilic Focus	Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Lung		Inflammation	Chronic, Focal, Minimal
		Leukemia Mononuclear	
		Metaplasia	Osseous, Minimal
Lymph Node	Mandibular	Hyperplasia	Mild
	Bronchial	Leukemia Mononuclear	
Mammary Gland		Galactocele	Minimal
Mesentery	Fat	Inflammation	Chronic, Mild
	Fat	Necrosis	Moderate
Note: NECROSIS	TGLs = 3-11		
Nose		Inflammation	Suppurative, Minimal
		Inflammation	Mild
	Olfactory Epi	Metaplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9414

TRT#: 1

SEX: Male

DAY ON TEST: 605

DOSE: CONTROL MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 2-8			
Salivary Glands		Inflammation	Minimal
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-11			
Testes	Interstit Cell	Adenoma	
		Atrophy	Moderate
Thyroid Gland	C Cell	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9415

TRT#: 1

SEX: Male

DAY ON TEST: 671

DOSE: CONTROL MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain	Esophagus	Prostate	Skin
Urinary Bladder			

MISSING

Epididymis	Intestine Large - Rectum		
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AUTO PRECLUDES DIAG.

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Intestine Large - Cecum
Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular
Nose	Pancreas	Salivary Glands	Spleen
Stomach - Forestomach	Thymus	Thyroid Gland	Trachea

OBSERVATIONS

Bone		Fibrous Osteodystrophy	Marked
Eye	Lens	Degeneration	Mild
	Antr Chamber	Inflammation	Suppurative, Mild
	Cornea	Inflammation	Suppurative, Minimal
Heart		Inflammation	Chronic, Marked
		Mineralization	Moderate
	Atrium	Thrombosis	Mild
Kidney		Mineralization	Mild
		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 4-5		
Liver		Degeneration	Fatty, Moderate
	Bile Duct	Hyperplasia	Minimal
Note: DEGEN	TGLs = 3-4		
Lung		Mineralization	Mild
Mammary Gland		Hyperplasia	Minimal
Parathyroid Gland		Hyperplasia	Marked
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 5-8		
Preputial Gland		Inflammation	Suppurative, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9415

TRT#: 1

SEX: Male

DAY ON TEST: 671

DOSE: CONTROL MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Stomach	Glandular	Mineralization	Moderate
Testes	Bilateral, Interstit Cell	Adenoma	
	Perivascular	Atrophy	Moderate
		Inflammation	Mild

Note: TO ALLOW DIAGNOSIS WITH REASONABLE ACCURACY

Note: AUTOLYSIS IS SEVERE BUT LESIONS CHARACTERISTIC ENOUGH

[Adenoma TGLS = 2-7]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9416

TRT#: 1

SEX: Male

DAY ON TEST: 318

DOSE: CONTROL MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Intestine Large - Cecum	Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Heart		Inflammation	Chronic, Minimal
Intestine Large	Colon	Parasite Metazoan	
Nose		Inflammation	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Skin	Subcut Tiss	Fibroma	

Note: FIBROMA TGLs = 1-11+12

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9417

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Esophagus	Eye	Intestine Large - Cecum	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Lymph Node - Bronchial	Mammary Gland	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Epididymis		Vacuolization Cytoplasmic	Moderate
Heart		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 4-5+12			
Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-4			
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 5-3+11			
Lymph Node	Mandibular	Hyperplasia	Mild
Nose		Inflammation	Suppurative, Minimal
		Inflammation	Minimal
		Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Mild
Preputial Gland		Inflammation	Suppurative, Mild
Prostate	Epithelium	Hyperplasia	Minimal
Spleen		Fibrosis	Mild
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9417

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LEUKEMIA MONUC TGLs = 2-4

Testes

Bilateral, Interstit Cell

Adenoma

Tunic

Mesothelioma Benign

Note: ADENOMA TGLs = 1-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9418

TRT#: 1

SEX: Male

DAY ON TEST: 602

DOSE: CONTROL MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	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	Lung
Lymph Node - Bronchial	Pancreas	Parathyroid Gland	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Focal Cellular Change	Minimal
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Mild
	Bile Duct	Hyperplasia	Mild
Lymph Node	Mandibular	Hyperplasia	Moderate
Nose	Olfactory Epi	Degeneration	Minimal
		Foreign Body	Minimal
	Respirat Epith	Hyperplasia	Mild
		Inflammation	Suppurative, Mild
		Inflammation	Mild
	Olfactory Epi	Metaplasia	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 3-8			
Preputial Gland		Inflammation	Suppurative, Mild
Note: INFLAMMATION TGLs = 1-7			
Prostate		Inflammation	Suppurative, Mild
Salivary Glands	Duct	Hyperplasia	Minimal
		Inflammation	Minimal
Skin	Subcut Tiss	Inflammation	Chronic, Moderate
Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9418

TRT#: 1

SEX: Male

DAY ON TEST: 602

DOSE: CONTROL MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Interstit Cell	Hyperplasia	Minimal
Thyroid Gland	C Cell	Adenoma	
	C Cell	Carcinoma	

[Carcinoma TGLS = 4-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9419

TRT#: 1

SEX: Male

DAY ON TEST: 706

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
Lymph Node - Bronchial	Lymph Node - Mandibular	Nose	Pancreas
Parathyroid Gland	Prostate	Salivary Glands	Spleen
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Epididymis	Preputial Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Moderate
	Medulla	Hyperplasia	Moderate
Eye	Antr Chamber	Inflammation	Suppurative, Minimal
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 4-5+11		
Liver		Basophilic Focus	Minimal
Lung	Alveolar Epith	Hyperplasia	Mild
		Inflammation	Chronic, Focal, Moderate
Mammary Gland		Galactocele	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA]	TGLs = 5-8		
Skin		Keratoacanthoma	
	Subcut Tiss	Neurofibrosarcoma	
Note: KERATOACANTHMA	TGLs = 1-12		
Note: NEUROFIBROSARC	TGLs = 2-13		
Stomach	Forestomach	Hyperplasia	Squamous, Marked
	Forestomach	Inflammation	Moderate
	Forestomach	Ulcer	Marked
Note: LESION IN FORESTOMACH NOT GLANDULAR STOMACH			
Note: ULCER	TGLs = 3-8		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9419

TRT#: 1

SEX: Male

DAY ON TEST: 706

DOSE: CONTROL MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Interstit Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9420

TRT#: 1

SEX: Male

DAY ON TEST: 583

DOSE: CONTROL MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Eye	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Bronchial	Salivary Glands
Skin	Spleen	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Mammary Gland	Parathyroid Gland	Stomach - Forestomach	
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OBSERVATIONS

Epididymis		Granuloma Sperm	Marked
[Granuloma Sperm TGLS = 2-11]			
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Moderate
Larynx		Inflammation	Suppurative, Minimal
Liver		Angiectasis	Minimal
		Hematopoietic Cell Proliferation	Minimal
Lung	Perivascular	Infiltration Cellular	Mononuclear CI, Mild
Lymph Node	Mandibular	Hyperplasia	Mild
Nose		Inflammation	Suppurative, Minimal
		Inflammation	Minimal
Pancreas	Acinus	Cytomegaly	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 1-8			
Preputial Gland		Inflammation	Suppurative, Mild
Prostate		Inflammation	Suppurative, Mild
Testes		Atrophy	Moderate
	Interstit Cell	Hyperplasia	Minimal
Urin Bladder			
Note: HOMOGENEOUS PROTEIN-LIKE MATERIAL IN BLADDER			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroacetophenone (CN)
CAS Number: 532-27-4

Date Report Requested: 10/23/2014
Time Report Requested: 09:51:58
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9420

TRT#: 1

SEX: Male

DAY ON TEST: 583

DOSE: CONTROL MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9421

TRT#: 1

SEX: Male

DAY ON TEST: 714

DOSE: CONTROL MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Epididymis	Esophagus	Eye	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Islets, Pancreatic	Lymph Node - Bronchial
Pancreas	Parathyroid Gland	Pituitary Gland	Preputial Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Intestine Small - Ileum

AUTO PRECLUDES DIAG.

Intestine Large - Cecum Intestine Small - Jejunum

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Heart		Inflammation	Chronic, Mild
	Atrium	Thrombosis	Moderate
Note: THROMBUS TGLs = 7-4			
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 6-5			
Larynx		Inflammation	Suppurative, Minimal
Liver		Angiectasis	Minimal
		Congestion	Marked
		Necrosis	Minimal
Note: CONGESTION TGLs = 5-4			
Lung		Hemorrhage	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Pigmentation	Hemosiderin, Minimal
Note: HEMORRHAGE TGLs = 4-3			
Lymph Node	Mandibular	Congestion	Marked
	Bronchial	Pigmentation	Hemosiderin, Marked
Note: CONGESTION TGLs = 1-7			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9421

TRT#: 1

SEX: Male

DAY ON TEST: 714

DOSE: CONTROL MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Mammary Gland

Nose

Testes

Note: ADENOMA

TGLs = 2-7

Olfactory Epi

Vomeronas Org

Bilateral, Interstit Cell

Hyperplasia

Degeneration

Inflammation

Inflammation

Adenoma

Mild

Moderate

Suppurative, Moderate

Suppurative, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9422

TRT#: 1

SEX: Male

DAY ON TEST: 602

DOSE: CONTROL MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Parathyroid Gland	Preputial Gland
Salivary Glands	Skin	Trachea	

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
	Medulla	Hyperplasia	Minimal
Bone Marrow		Leukemia Mononuclear	
Brain		Hemorrhage	Moderate
		Leukemia Mononuclear	
		[Hemorrhage TGLS = 5-1+11]	
Eye		Leukemia Mononuclear	
Heart		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Larynx		Inflammation	Suppurative, Minimal
Liver		Degeneration	Fatty, Marked
		Leukemia Mononuclear	
		Note: LEUKEMIA MONUC TGLs = 4-4	
Lung		Leukemia Mononuclear	
Lymph Node	Bronchial	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mediastinal	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
		Note: LEUKEMIA MONUC TGLs = 2-3+12	
		Note: LEUKEMIA MONUC TGLs = 6-14	
		[Leukemia Mononuclear TGLS = 3-2+12]	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9422

TRT#: 1

SEX: Male

DAY ON TEST: 602

DOSE: CONTROL MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Nose	Respirat Epith	Hyperplasia Inflammation Inflammation	Mild Moderate Suppurative, Moderate
	Respirat Epith	Metaplasia	Squamous, Minimal
Pancreas		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
	Pars Distalis	Leukemia Mononuclear	
Prostate		Inflammation	Suppurative, Minimal
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-13		
Stomach	Forestomach	Hyperplasia	Squamous, Mild
	Forestomach	Leukemia Mononuclear	
	Glandular	Leukemia Mononuclear	
	Glandular	Ulcer	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
Thymus		Leukemia Mononuclear	
Thyroid Gland	Follicular Cel	Adenoma	
Urinary Bladder	Transit Epithe	Hyperplasia	Mild
		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9423

TRT#: 1

SEX: Male

DAY ON TEST: 457

DOSE: CONTROL MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Skin Testes

MISSING

Epididymis Esophagus Intestine Large - Cecum Lymph Node - Mandibular
Mammary Gland

AUTO PRECLUDES DIAG.

Adrenal Gland - Cortex Adrenal Gland - Medulla Bone Bone Marrow
Brain 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 Nose Pancreas Parathyroid Gland
Pituitary Gland Preputial Gland Prostate Salivary Glands
Spleen Stomach - Forestomach Stomach - Glandular Thymus
Thyroid Gland Trachea Urinary Bladder

OBSERVATIONS

Brain
Note: BRAIN HAS LARGE LESION (PCOD) BUT AUTOLYSIS PRECLUDES
Note: IDENTIFICATION.

Eye Lens Degeneration Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9424

TRT#: 1

SEX: Male

DAY ON TEST: 735

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	Lymph Node - Bronchial
Lymph Node - Mandibular	Nose	Parathyroid Gland	Preputial Gland
Prostate	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Mammary Gland	Pituitary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Medulla	Leukemia Mononuclear	
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Moderate
Liver		Angiectasis	Mild
		Basophilic Focus	Mild
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hyperplasia	Marked
		Inflammation	Granulomatous, Focal, Minimal
		Leukemia Mononuclear	
Lung	Alveolar Epith	Hyperplasia	Minimal
		Inflammation	Chronic, Focal, Minimal
		Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Minimal
Spleen		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9425

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	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	Larynx	Lymph Node - Bronchial	Parathyroid Gland
Salivary Glands	Stomach - Forestomach	Thymus	Trachea
Urinary Bladder			

MISSING

Mammary Gland	Skin
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OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
Heart		Inflammation	Chronic, Mild
Islets, Pancreatic		Carcinoma	
Note: CARCINOMA	TGLs = 3-11		
Kidney		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 1-5		
Liver		Degeneration	Fatty, Mild
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Hyperplasia	Mild
Nose		Inflammation	Suppurative, Minimal
		Inflammation	Minimal
Pancreas	Acinus	Atrophy	Minimal
	Acinus	Cytomegaly	Minimal
Pharynx	Palate	Squamous Cell Papilloma	
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA]	TGLs = 2-8		
Preputial Gland		Inflammation	Suppurative, Mild
Note: INFLAMMATION	TGLs = 4-7		
Prostate		Inflammation	Suppurative, Minimal
Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9425

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Stomach	Glandular	Inflammation	Mild
	Glandular	Ulcer	Mild
Note: LESION IN GLANDULAR NOT FORESTOMACH			
Note: ULCER TGLs = 6-12			
Testes		Atrophy	Moderate
	Interstit Cell	Hyperplasia	Minimal
	Perivascular	Inflammation	Mild
Thyroid Gland	C Cell	Adenoma	
Urin Bladder			
Note: HOMOGENEOUS PROTEIN-LIKE MATERIAL IN BLADDER			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9426

TRT#: 1

SEX: Male

DAY ON TEST: 700

DOSE: CONTROL MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Eye	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Lung	Lymph Node - Bronchial	Lymph Node - Mandibular	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
	Medulla	Hyperplasia	Mild
	Medulla	Pheochromocytoma Benign	
Epididymis		Vacuolization Cytoplasmic	Mild
Heart		Inflammation	Chronic, Moderate
Intestine Small	Duodenum	Adenocarcinoma	
[Adenocarcinoma TGLS = 4-13]			
Kidney		Nephropathy	Marked
Note: NEPHROPATHY TGLs = 2-5+11			
Liver		Degeneration	Cystic, Minimal
		Degeneration	Fatty, Moderate
	Hepatocyte	Hyperplasia	Minimal
Note: DEGEN TGLs = 1-4			
Mammary Gland		Hyperplasia	Mild
Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
		Inflammation	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 3-8			
Preputial Gland		Inflammation	Suppurative, Minimal
Prostate		Inflammation	Suppurative, Mild
Spleen		Fibrosis	Minimal
Stomach	Forestomach	Hyperplasia	Squamous, Moderate
	Forestomach	Inflammation	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9426

TRT#: 1

SEX: Male

DAY ON TEST: 700

DOSE: CONTROL MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ULCER	TGLs = 5,7-12	Forestomach	Ulcer	Marked
Testes		Interstit Cell	Hyperplasia	Minimal
		Perivascular	Inflammation	Mild
Thyroid Gland		C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH		-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9427

TRT#: 1

SEX: Male

DAY ON TEST: 722

DOSE: CONTROL MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	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	Parathyroid Gland
Salivary Glands	Stomach - Forestomach	Stomach - Glandular	Trachea
Urinary Bladder			

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Medulla	Hyperplasia	Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Bone Marrow		Leukemia Mononuclear	
Epididymis		Vacuolization Cytoplasmic	Mild
Eye		Leukemia Mononuclear	
Heart		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
		Adenoma	
Kidney	Renal Tubule	Nephropathy	Mild
		Inflammation	Suppurative, Minimal
Larynx			
Liver	Bile Duct	Hyperplasia	Mild
	Hepatocyte	Hyperplasia	Focal, Mild
		Leukemia Mononuclear	
		Alveolar/Bronchiolar Carcinoma	
Lung		Hemorrhage	Minimal
		Inflammation	Chronic, Focal, Mild
		Leukemia Mononuclear	
Note: ALV BRON CARC	TGLs = 2-3		
Lymph Node	Mandibular	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9427

TRT#: 1

SEX: Male

DAY ON TEST: 722

DOSE: CONTROL MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Nose		Inflammation	Minimal
Pancreas	Acinus	Atrophy	Marked
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 3-8		
Preputial Gland		Inflammation	Suppurative, Moderate
Prostate		Inflammation	Suppurative, Moderate
Skin	Subcut Tiss	Inflammation	Chronic, Mild
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-11		
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 4-7		
Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9428

TRT#: 1

SEX: Male

DAY ON TEST: 658

DOSE: CONTROL MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Eye	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Lung	Lymph Node - Bronchial	Lymph Node - Mandibular
Mammary Gland	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Testes	Trachea	Urinary Bladder	

MISSING

Intestine Large - Rectum	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
	Medulla	Hyperplasia	Minimal
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Moderate
Liver		Basophilic Focus	Minimal
		Inflammation	Granulomatous, Focal, Minimal
Nose		Inflammation	Suppurative, Minimal
		Inflammation	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 1-8			
Preputial Gland		Inflammation	Suppurative, Minimal
Prostate	Epithelium	Hyperplasia	Mild
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9429

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Epididymis
Esophagus	Eye	Intestine Large - Cecum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Lymph Node - Bronchial	Pancreas	Pituitary Gland	Preputial Gland
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder		

MISSING

Intestine Large - Rectum	Mammary Gland	Parathyroid Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Hematopoietic Cell Proliferation	Minimal
	Medulla	Hyperplasia	Mild
Heart		Inflammation	Chronic, Mild
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Moderate
Liver		Basophilic Focus	Minimal
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Granulomatous, Focal, Minimal
Note: ANOM HEPAT LOB TGLs = 3-11			
Lung	Perivascular	Infiltration Cellular	Mononuclear CI, Minimal
Lymph Node	Mandibular	Hyperplasia	Mild
Nose		Inflammation	Minimal
Prostate		Inflammation	Suppurative, Mild
Salivary Glands	Duct	Hyperplasia	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
		Atrophy	Moderate
Note: ATROPHY TGLs = 1-7			
Note: ADENOMA TGLs = 2-7+12			
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroacetophenone (CN)
CAS Number: 532-27-4

Date Report Requested: 10/23/2014
Time Report Requested: 09:51:58
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9429

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9430

TRT#: 1

SEX: Male

DAY ON TEST: 456

DOSE: CONTROL MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Epididymis	Esophagus	Islets, Pancreatic	Pancreas
Parathyroid Gland	Prostate	Skin	Urinary Bladder

MISSING

Intestine Large - Cecum	Lymph Node - Bronchial	Lymph Node - Mandibular	Thymus
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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	Mammary Gland	Nose	Pituitary Gland
Preputial Gland	Salivary Glands	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea		

OBSERVATIONS

Brain		Leukemia Mononuclear	
Eye	Lens	Degeneration	Mild
Heart		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
Larynx		Inflammation	Suppurative, Minimal
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mesenteric	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4-12		
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-11		
Testes		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9431

TRT#: 1

SEX: Male

DAY ON TEST: 602

DOSE: CONTROL MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Epididymis	Esophagus
Eye	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Parathyroid Gland	Prostate	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Note: LEUKEMIA MONUC TGLs = 3-5			
Bone Marrow		Myelofibrosis	Moderate
Heart		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
Intestine Small	Ileum, Peyers Patch	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
		Necrosis	Mild
Lung		Leukemia Mononuclear	
Lymph Node	Bronchial	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
Nose		Inflammation	Minimal
		Thrombosis	Mild
Pancreas	Acinus	Atrophy	Minimal
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9431

TRT#: 1

SEX: Male

DAY ON TEST: 602

DOSE: CONTROL MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland	Pars Distalis	Adenoma	
Preputial Gland		Inflammation	Suppurative, Mild
Note: INFLAMMATION TGLs = 1-7			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-4			
Testes	Interstit Cell	Adenoma	
Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9432

TRT#: 1

SEX: Male

DAY ON TEST: 447

DOSE: CONTROL MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain	Epididymis	Eye	Pituitary Gland
Preputial Gland	Prostate	Skin	Stomach - Forestomach
Stomach - Glandular	Urinary Bladder		

MISSING

Esophagus	Intestine Large - Cecum	Intestine Large - Rectum	Mammary Gland
Parathyroid Gland	Thyroid Gland		

AUTO PRECLUDES DIAG.

Bone	Bone Marrow	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Pancreas
Salivary Glands	Trachea		

INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Heart		Inflammation	Chronic, Mild
Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
Larynx		Inflammation	Suppurative, Minimal
Liver		Leukemia Mononuclear	
		Necrosis	Marked
Note: NECROSIS TGLs = 1-4			
Note: LEUKEMIA MONUC TGLs = 7-4			
[Necrosis TGLS = 1-4]			
Lung		Leukemia Mononuclear	
Lymph Node	Bronchial	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9432

TRT#: 1

SEX: Male

DAY ON TEST: 447

DOSE: CONTROL MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LEUKEMIA MONUC TGLs = 2-7

Note: LEUKEMIA MONUC TGLs = 3-3

Note: LEUKEMIA MONUC TGLs = 8-12

[Leukemia Mononuclear TGLS = 4-11]

Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 5,6-4			
Testes	Interstit Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9433

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lymph Node - Bronchial
Parathyroid Gland	Preputial Gland	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea		

INSUFFICIENT TISSUE

Skin

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Medulla	Hyperplasia	Moderate
	Cortex	Hypertrophy	Moderate
Brain		Carcinoma	Metastatic (Pituitary Gland)
Eye		Leukemia Mononuclear	
Heart		Inflammation	Chronic, Moderate
Intestine Large	Colon	Parasite Metazoan	
Kidney	Renal Tubule	Hyperplasia	Mild
		Nephropathy	Moderate
		Basophilic Focus	Mild
Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Hyperplasia	Mild
Mammary Gland		Galactoceles	Mild
Nose		Inflammation	Suppurative, Minimal
		Inflammation	Mild
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Carcinoma	
Note: CARCINOMA	TGLs = 2-8		
Prostate		Inflammation	Suppurative, Mild
Salivary Glands	Duct	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9433

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen		Fibrosis	Mild
		Leukemia Mononuclear	
Note: FIBROSIS	TGLs = 1-4+11		
Testes		Atrophy	Mild
	Interstit Cell	Hyperplasia	Minimal
	Perivascular	Inflammation	Moderate
Thyroid Gland	C Cell	Hyperplasia	Mild
Urinary Bladder	Transit Epithe	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9434

TRT#: 1

SEX: Male

DAY ON TEST: 687

DOSE: CONTROL MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	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	Lymph Node - Bronchial
Lymph Node - Mandibular	Nose	Pancreas	Prostate
Salivary Glands	Spleen	Thymus	Trachea
Urinary Bladder			

MISSING

Mammary Gland	Parathyroid Gland	Skin
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OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 2-5		
Liver		Inflammation	Granulomatous, Focal, Minimal
Lung	Alveolar Epith	Hyperplasia	Marked
		Inflammation	Chronic, Focal, Minimal
Note: HYPERPLASIA	TGLs = 4-11		
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 3-8		
Preputial Gland		Cyst	Mild
Note: CYST	TGLs = 1-7		
Stomach	Glandular	Ectopic Tissue	
	Forestomach	Hyperplasia	Squamous, Mild
	Forestomach	Inflammation	Mild
	Glandular	Inflammation	Minimal
	Forestomach	Ulcer	Mild
Note: ECT TISSUE	TGLs = 5-12		
Note: ULCER	TGLs = 6-8		
Testes	Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9434

TRT#: 1

SEX: Male

DAY ON TEST: 687

DOSE: CONTROL MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 7-7

Thyroid Gland

C Cell

Hyperplasia

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9435

TRT#: 1

SEX: Male

DAY ON TEST: 659

DOSE: CONTROL MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Parathyroid Gland
Preputial Gland	Prostate	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Moderate
	Medulla	Hyperplasia	Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Bone Marrow		Leukemia Mononuclear	
Brain		Leukemia Mononuclear	
Eye		Leukemia Mononuclear	
Heart		Inflammation	Chronic, Minimal
Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 5-5		
Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4-4		
Lung		Inflammation	Chronic, Focal, Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 6-3+11		
Note: INFLAMMATION	TGLs = 8-11		
Lymph Node	Bronchial	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9435

TRT#: 1

SEX: Male

DAY ON TEST: 659

DOSE: CONTROL MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LEUKEMIA MONUC TGLs = 3-7
[Leukemia Mononuclear TGLS = 7-13]

Nose

Inflammation
Leukemia Mononuclear
Thrombosis

Suppurative, Minimal

Pancreas

Pituitary Gland

Pars Distalis

Leukemia Mononuclear
Leukemia Mononuclear

Mild

Note: TISSUE LEFT. VERY LITTLE PITUITARY LEFT IN BLOCK

Note: POSSIBLE ADENOMA IN ANTERIOR PITUITARY BUT TOO LITTLE

Spleen

Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 2-12

Testes

Interstit Cell

Adenoma

Thymus

Leukemia Mononuclear

Urinary Bladder

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9436

TRT#: 1

SEX: Male

DAY ON TEST: 659

DOSE: CONTROL MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Epididymis	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Parathyroid Gland
Skin	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea			

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Brain		Glioma Benign	
		Leukemia Mononuclear	
Eye		Leukemia Mononuclear	
Heart		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Bronchial	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-7			
Mammary Gland		Galactocele	Minimal
Nose		Thrombosis	Mild
Pancreas	Acinus	Atrophy	Mild
		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Leukemia Mononuclear	
Preputial Gland		Inflammation	Suppurative, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9436

TRT#: 1

SEX: Male

DAY ON TEST: 659

DOSE: CONTROL MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Prostate		Inflammation	Suppurative, Minimal
Salivary Glands	Duct	Hyperplasia	Minimal
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-11		
Testes	Interstitial Cell	Adenoma	
Note: ADENOMA	TGLs = 3-7		
Thymus		Leukemia Mononuclear	
Urinary Bladder		Hemorrhage	Mild
		Inflammation	Suppurative, Mild
		Leukemia Mononuclear	
Note: HEMORRHAGE	TGLs = 4-8		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9437

TRT#: 1

SEX: Male

DAY ON TEST: 617

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 Small - Jejunum
Islets, Pancreatic	Larynx	Lung	Lymph Node - Bronchial
Lymph Node - Mandibular	Mammary Gland	Parathyroid Gland	Preputial Gland
Prostate	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Urinary Bladder			

AUTO PRECLUDES DIAG.

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

Eye	Lens	Degeneration	Minimal
Heart		Inflammation	Chronic, Moderate
Intestine Large	Cecum	Parasite Metazoan	
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Minimal
	Bile Duct	Hyperplasia	Minimal
Nose		Inflammation	Minimal
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Testes	Bilateral, Interstit Cell	Adenoma	
		Atrophy	Moderate
	Perivascular	Inflammation	Minimal
[Adenoma TGLS = 2-7]			
Trachea		Inflammation	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9438

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Eye	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lymph Node - Bronchial
Pancreas	Preputial Gland	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

MISSING

Parathyroid Gland

OBSERVATIONS

Epididymis		Vacuolization Cytoplasmic	Mild
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Mild
Liver		Adenoma	
		Basophilic Focus	Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Granulomatous, Focal, Minimal
Lung	Perivascular	Infiltration Cellular	Mononuclear CI, Minimal
Lymph Node	Mandibular	Hyperplasia	Mild
Mammary Gland		Hyperplasia	Mild
Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
		Inflammation	Suppurative, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Prostate	Epithelium	Hyperplasia	Mild
Salivary Glands	Duct	Hyperplasia	Minimal
		Inflammation	Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 1,2-7		
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroacetophenone (CN)
CAS Number: 532-27-4

Date Report Requested: 10/23/2014
Time Report Requested: 09:51:58
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9438

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9439

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Eye	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Lung
Prostate	Salivary Glands	Stomach - Forestomach	Stomach - Glandular
Thymus	Urinary Bladder		

MISSING

Epididymis	Mammary Gland	Parathyroid Gland
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AUTO PRECLUDES DIAG.

Intestine Large - Cecum

INSUFFICIENT TISSUE

Skin

OBSERVATIONS

Adrenal Gland	Cortex	Hematopoietic Cell Proliferation	Mild
	Cortex	Hyperplasia	Mild
Heart		Inflammation	Chronic, Mild
Islets, Pancreatic		Adenoma	
Kidney		Lipoma	
		Nephropathy	Moderate
[Nephropathy TGLS = 4-12]			
Larynx		Inflammation	Suppurative, Minimal
Liver		Basophilic Focus	Mild
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
Lymph Node	Mandibular	Hyperplasia	Mild
	Bronchial	Leukemia Mononuclear	
Nose	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Mild
Pancreas	Acinus	Atrophy	Moderate
Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9439

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland		Adenoma	
		Inflammation	Suppurative, Moderate
Note: ADENOMA	TGLs = 1-7		
Seminal Vesicle		Inflammation	Suppurative, Minimal
Spleen		Leukemia Mononuclear	
Note: TGL-5 IS A DENSE AREA OF MONONUC LEUKEMIA			
Note: LEUKEMIA MONUC	TGLs = 5-11		
Note: LEUKEMIA MONUC	TGLs = 3-4+11		
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 2-7		
Thyroid Gland	C Cell	Hyperplasia	Mild
Trachea	Epithelium	Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9440

TRT#: 1

SEX: Male

DAY ON TEST: 666

DOSE: CONTROL MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Esophagus	Eye	Harderian Gland	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	Preputial Gland	Prostate	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Epididymis

INSUFFICIENT TISSUE

Lymph Node - Mandibular Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
	Medulla	Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Heart		Leukemia Mononuclear	
Kidney		Nephropathy	Mild
Liver		Degeneration	Fatty, Mild
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
		Necrosis	Minimal
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Nose	Respirat Epith	Hyperplasia	Minimal
		Thrombosis	Mild
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Marked
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-11			
Testes	Bilateral, Interstit Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9440

TRT#: 1

SEX: Male

DAY ON TEST: 666

DOSE: CONTROL MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 2-7

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9441

TRT#: 1

SEX: Male

DAY ON TEST: 652

DOSE: CONTROL MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Adrenal Gland - Medulla	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

Heart		Inflammation	Chronic, Mild
	Atrium	Thrombosis	Mild
Kidney		Nephropathy	Minimal
Liver	Bile Duct	Hyperplasia	Mild
		Necrosis	Minimal
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mandibular	Hyperplasia	Mild
Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
		Inflammation	Suppurative, Moderate
Pharynx	Palate	Squamous Cell Papilloma	
Note: PAPILLOMA SQUA TGLs = 1-10			
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Prostate		Inflammation	Suppurative, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9442

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Esophagus	Eye	Intestine Large - Cecum	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Lymph Node - Bronchial	Pancreas	Prostate
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Moderate
	Medulla	Pheochromocytoma Benign	
Epididymis		Vacuolization Cytoplasmic	Mild
Heart		Inflammation	Chronic, Minimal
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 2-5		
Liver		Basophilic Focus	Mild
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Granulomatous, Focal, Minimal
	Hepatocyte	Necrosis	Minimal
Lung	Perivascular	Infiltration Cellular	Mononuclear CI, Minimal
Lymph Node	Mandibular	Hyperplasia	Mild
Mammary Gland		Galactocele	Minimal
Nose	Olfactory Epi	Degeneration	Mild
	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Mild
		Inflammation	Suppurative, Mild
	Olfactory Epi	Metaplasia	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA]	TGLs = 1-8		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9442

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Preputial Gland

Inflammation

Suppurative, Minimal

Salivary Glands

Duct

Hyperplasia

Mild

Testes

Interstit Cell

Hyperplasia

Minimal

Tunic

Mesothelioma Benign

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9443

TRT#: 1

SEX: Male

DAY ON TEST: 722

DOSE: CONTROL MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Epididymis	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Larynx	Pancreas
Parathyroid Gland	Prostate	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Mammary Gland

OBSERVATIONS

Adrenal Gland	Medulla Cortex Medulla	Hyperplasia Leukemia Mononuclear Leukemia Mononuclear Leukemia Mononuclear Leukemia Mononuclear	Marked
Brain			
Eye			
Heart		Inflammation	Chronic, Mild
Islets, Pancreatic		Adenoma	
Kidney		Nephropathy	Mild
Liver	Bile Duct	Hyperplasia Leukemia Mononuclear	Mild
Note: LEUKEMIA MONUC TGLs = 2-4			
Lung	Alveolus	Infiltration Cellular Inflammation Leukemia Mononuclear	Histiocyte, Mild Chronic, Focal, Mild
Note: LEUKEMIA MONUC TGLs = 4-3			
Lymph Node	Bronchial Mandibular Renal	Leukemia Mononuclear Leukemia Mononuclear Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 5-12]			
Nose	Nasolacrim Dct	Inflammation Inflammation	Suppurative, Mild Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9443

TRT#: 1

SEX: Male

DAY ON TEST: 722

DOSE: CONTROL MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland Note: ADENOMA TGLs = 3-8	Pars Distalis	Inflammation Adenoma	Suppurative, Minimal
Preputial Gland		Inflammation	Suppurative, Mild
Salivary Glands	Duct	Hyperplasia	Mild
Spleen [Leukemia Mononuclear TGLS = 1-11]		Leukemia Mononuclear	
Testes	Interstit Cell	Adenoma	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9444

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Eye	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Pancreas	Parathyroid Gland	Prostate	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex Bilateral, Medulla	Hyperplasia Pheochromocytoma Benign	Mild
Epididymis		Vacuolization Cytoplasmic	Mild
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 3-5		
Larynx		Inflammation	Suppurative, Minimal
Liver		Basophilic Focus Leukemia Mononuclear	Minimal
Note: LEUKEMIA MONUC	TGLs = 4-4		
Lung	Alveolus Perivascular	Infiltration Cellular Infiltration Cellular Leukemia Mononuclear	Histiocyte, Minimal Mononuclear CI, Mild
Lymph Node	Mesenteric Bronchial Mandibular	Angiectasis Hyperplasia Leukemia Mononuclear	Moderate Minimal
Note: ANGIECTASIS	TGLs = 5-11		
Mammary Gland		Hyperplasia	Mild
Nose		Inflammation	Minimal
Pituitary Gland	Pars Distalis	Inflammation	Suppurative, Minimal
Preputial Gland		Hyperplasia	Marked
Note: INFLAMMATION	TGLs = 1-7	Inflammation	Suppurative, Minimal
Salivary Glands	Duct	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9444

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Skin	Subcut Tiss	Inflammation	Chronic, Mild
Spleen		Leukemia Mononuclear	
Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA	TGLs = 2-7		
Trachea	Epithelium	Metaplasia	Squamous, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9445

TRT#: 1

SEX: Male

DAY ON TEST: 619

DOSE: CONTROL MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Intestine Large - Cecum	Islets, Pancreatic	Larynx
Pancreas	Parathyroid Gland	Preputial Gland	Prostate
Skin	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Intestine Large - Rectum	Mammary Gland
--------------------------	---------------

INSUFFICIENT TISSUE

Esophagus

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Medulla	Pheochromocytoma Malignant	
Note: LEUKEMIA MONUC	TGLs = 6-5		
Bone Marrow		Leukemia Mononuclear	
Brain		Leukemia Mononuclear	
Epididymis		Vacuolization Cytoplasmic	Moderate
Eye		Leukemia Mononuclear	
Heart		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
Intestine Large	Colon	Leukemia Mononuclear	
	Colon	Parasite Metazoan	
Intestine Small	Duodenum, Peyers Patch	Leukemia Mononuclear	
	Ileum, Peyers Patch	Leukemia Mononuclear	
	Jejunum, Peyers Patch	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Note: LEUKEMIA MONUC	TGLs = 5-5		
Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4-4		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9445

TRT#: 1

SEX: Male

DAY ON TEST: 619

DOSE: CONTROL MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Lung		Leukemia Mononuclear	
Lymph Node	Bronchial	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 7-3		
Nose		Foreign Body	Minimal
	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Suppurative, Minimal
		Inflammation	Mild
		Thrombosis	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Leukemia Mononuclear	
Note: [ADENOMA]	TGLs = 8-8		
Salivary Glands	Duct	Hyperplasia	Minimal
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2,3-11		
Stomach	Forestomach	Leukemia Mononuclear	
	Glandular	Leukemia Mononuclear	
Testes	Interstit Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9446

TRT#: 1

SEX: Male

DAY ON TEST: 715

DOSE: CONTROL 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
Nose	Pancreas	Parathyroid Gland	Prostate
Salivary Glands	Stomach - Forestomach	Stomach - Glandular	Testes
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
	Cortex	Degeneration	Fatty, Mild
	Medulla	Hyperplasia	Moderate
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Eye		Leukemia Mononuclear	
Heart		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
	Note: NEPHROPATHY TGLs = 3-5		
Larynx		Inflammation	Suppurative, Minimal
Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
		Infiltration Cellular	Histiocyte, Minimal
Lung	Alveolus	Inflammation	Chronic, Focal, Mild
		Leukemia Mononuclear	
		Leukemia Mononuclear	
Lymph Node	Bronchial	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Minimal
Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9446

TRT#: 1

SEX: Male

DAY ON TEST: 715

DOSE: CONTROL MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [ADENOMA] TGLs = 5-8

Preputial Gland

Adenoma

Note: ADENOMA TGLs = 1-13

Skin

Keratoacanthoma

Note: KERATOACANTHOMA TGLs = 4-12+14

Spleen

Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 2-11

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9447

TRT#: 1

SEX: Male

DAY ON TEST: 659

DOSE: CONTROL 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
Lymph Node - Bronchial	Parathyroid Gland	Preputial Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Urinary Bladder			

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
	Medulla	Hyperplasia	Mild
	Medulla	Pheochromocytoma Benign	
Eye		Leukemia Mononuclear	
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Mild
Larynx		Inflammation	Suppurative, Mild
Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
		Necrosis	Minimal
Note: LEUKEMIA MONUC TGLs = 2-4			
Lung	Alveolar Epith	Hyperplasia	Mild
		Inflammation	Chronic, Focal, Minimal
		Leukemia Mononuclear	
Lymph Node	Mandibular	Hyperplasia	Mild
Nose		Inflammation	Suppurative, Minimal
		Thrombosis	Minimal
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Prostate		Inflammation	Suppurative, Mild
Spleen		Fibrosis	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9447

TRT#: 1

SEX: Male

DAY ON TEST: 659

DOSE: CONTROL MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 1-11

Testes

Interstit Cell

Adenoma

Note: ADENOMA TGLs = 3-7

Trachea

Inflammation

Suppurative, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9448

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Eye	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	Pancreas	Salivary Glands
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

MISSING

Mammary Gland	Preputial Gland
---------------	-----------------

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Medulla	Pheochromocytoma Benign	
Epididymis		Vacuolization Cytoplasmic	Mild
Heart		Inflammation	Chronic, Moderate
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 3-5		
Larynx		Inflammation	Suppurative, Minimal
Liver		Basophilic Focus	Mild
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
Note: ANOM HEPAT LOB	TGLs = 2-12		
Note: TGL 2 PROBABLY REPRESENTS LIVER HERNIATED THUR DIAPHRAM			
Lung		Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN	TGLs = 4-11		
Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
		Inflammation	Minimal
		Inflammation	Suppurative, Minimal
Parathyroid Gland		Hyperplasia	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Prostate	Epithelium	Hyperplasia	Minimal
Skin	Subcut Tiss	Inflammation	Chronic, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9448

TRT#: 1

SEX: Male

DAY ON TEST: 735

DOSE: CONTROL MALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Testes	Bilateral, Interstit Cell	Adenoma	
Note: ADENOMA TGLs = 1-7			
Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9449

TRT#: 1

SEX: Male

DAY ON TEST: 442

DOSE: CONTROL MALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Liver
Salivary Glands
Stomach - Glandular

Adrenal Gland - Medulla
Esophagus
Lung
Skin
Testes

Bone
Islets, Pancreatic
Pancreas
Spleen
Thymus

Bone Marrow
Larynx
Parathyroid Gland
Stomach - Forestomach
Urinary Bladder

MISSING

Epididymis

Intestine Large - Cecum

Lymph Node - Bronchial

Preputial Gland

AUTO PRECLUDES DIAG.

Intestine Large - Rectum
Thyroid Gland

Intestine Small - Duodenum

Intestine Small - Ileum

Intestine Small - Jejunum

OBSERVATIONS

Eye
Heart

Intestine Large
Kidney
Lymph Node
Mammary Gland
Nose

Pituitary Gland
Note: [ADENOMA] TGLs = 1-8
Prostate
Seminal Vesicle
Trachea

Lens

Colon
Mandibular
Nasolacrim Dct

Pars Distalis

Epithelium

Degeneration
Inflammation
Pigmentation
Parasite Metazoan
Nephropathy
Hyperplasia
Galactocele
Inflammation
Inflammation
Inflammation
Adenoma

Inflammation
Inflammation
Metaplasia

Minimal
Chronic, Moderate
Hemosiderin, Minimal

Mild
Mild
Mild
Suppurative, Minimal
Minimal
Suppurative, Minimal

Suppurative, Minimal
Suppurative, Mild
Squamous, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9450

TRT#: 1

SEX: Male

DAY ON TEST: 577

DOSE: CONTROL MALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Epididymis
Esophagus	Eye	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Lymph Node - Bronchial	Nose
Parathyroid Gland	Preputial Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Trachea
Urinary Bladder			

MISSING

Mammary Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
Brain		Glioma Malignant	
[Glioma Malignant TGLS = 1-1+11]			
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Granulomatous, Focal, Minimal
Lung	Perivascular	Infiltration Cellular	Mononuclear CI, Minimal
Lymph Node	Mandibular	Hyperplasia	Mild
Pancreas	Acinus	Atrophy	Minimal
Pharynx	Palate	Squamous Cell Papilloma	
Note: PAPILOMA SQUA TGLs = 2-12			
Pituitary Gland	Pars Distalis	Adenoma	
Prostate		Inflammation	Suppurative, Minimal
Testes	Bilateral, Interstit Cell	Adenoma	
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7151

TRT#: 4

SEX: Female

DAY ON TEST: 560

DOSE: 1 MG/M3 FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Brain	Clitoral Gland	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			

INSUFFICIENT TISSUE

Stomach - Forestomach

OBSERVATIONS

Adrenal Gland	Cortex	Hematopoietic Cell Proliferation	Minimal
	Medulla	Hyperplasia	Mild
Bone	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Heart		Osteopetrosis	Mild
Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
Liver		Degeneration	Fatty, Mild
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-4			
Lung		Inflammation	Chronic, Focal, Minimal
		Leukemia Mononuclear	
Lymph Node	Bronchial	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Mild
Nose		Foreign Body	Minimal
	Respirat Epith	Hyperplasia	Mild
	Vomeronas Org	Inflammation	Minimal
		Inflammation	Suppurative, Minimal
		Inflammation	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7151

TRT#: 4

SEX: Female

DAY ON TEST: 560

DOSE: 1 MG/M3 FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Olfactory Epi

Metaplasia

Mild

Note: THE OLFACTORY EPITHELIUM METAPLASIA TO THE
Note: SUPPURATIVE INFLAMMATION OVER LIES THE AREA OF
Note: RESPIRATORY EPITHELIUM IS PRESENT ON THE 2ND
Note: SECTION AND THE SMALL FORGIEN BODY "HAIR" IN
Note: METAPLASIA.

Pituitary Gland

Pars Distalis

Adenoma

Note: ADENOMA TGLs = 3-8

Spleen

Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 1-4

Thymus

Leukemia Mononuclear

Uterus

Polyp Stromal

Note: POLYP STROMAL TGLs = 4-8

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7152

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: 1 MG/M3 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	Lymph Node - Bronchial	Lymph Node - Mandibular
Mammary Gland	Ovary	Pancreas	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Thymus

INSUFFICIENT TISSUE

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Hematopoietic Cell Proliferation	Minimal
Clitoral Gland		Carcinoma	
Note: CARCINOMA	TGLs = 1-7		
Kidney		Nephropathy	Mild
Liver		Angiectasis	Minimal
		Basophilic Focus	
Lung	Perivascular	Inflammation	Granulomatous, Focal, Mild
Nose		Infiltration Cellular	Mononuclear CI, Minimal
Pituitary Gland	Pars Distalis	Inflammation	Mild
Note: [ADENOMA]	TGLs = 2-8	Adenoma	
Salivary Glands	Duct	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7153

TRT#: 4

SEX: Female

DAY ON TEST: 638

DOSE: 1 MG/M3 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	Lymph Node - Bronchial
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
Kidney		Nephropathy	Mild
Liver		Angiectasis	Moderate
		Basophilic Focus	Minimal
		Inflammation	Granulomatous, Focal, Mild
		Leukemia Mononuclear	
Note: ANGIECTASIS TGLs = 3-4			
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Lymph Node	Mandibular	Hyperplasia	Mild
Mammary Gland		Galactocele	Minimal
Nose	Respirat Epith	Hyperplasia	Minimal
	Vomeronas Org	Inflammation	Minimal
		Inflammation	Mild
Ovary		Cyst	Minimal
Note: CYST TGLs = 1-7			
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 2-8			
Spleen		Leukemia Mononuclear	
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroacetophenone (CN)
CAS Number: 532-27-4

Date Report Requested: 10/23/2014
Time Report Requested: 09:51:58
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7153

TRT#: 4

SEX: Female

DAY ON TEST: 638

DOSE: 1 MG/M3 FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7154

TRT#: 4

SEX: Female

DAY ON TEST: 713

DOSE: 1 MG/M3 FEMALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Clitoral Gland
Islets, Pancreatic
Ovary
Stomach - Forestomach
Urinary Bladder

Adrenal Gland - Medulla
Esophagus
Larynx
Pancreas
Stomach - Glandular
Uterus

Bone
Intestine Large - Colon
Lymph Node - Bronchial
Salivary Glands
Thymus

Bone Marrow
Intestine Large - Rectum
Mammary Gland
Skin
Trachea

MISSING

Parathyroid Gland

Thyroid Gland

AUTO PRECLUDES DIAG.

Intestine Large - Cecum

Intestine Small - Duodenum

Intestine Small - Ileum

Intestine Small - Jejunum

OBSERVATIONS

Brain
Heart
Kidney
 Note: NEPHROPATHY TGLs = 3-5
Liver
 Note: LEUKEMIA MONUC TGLs = 2-4
Lung

Lymph Node
Nose

Pituitary Gland
 Note: ADENOMA TGLs = 4-8
Spleen
 Note: LEUKEMIA MONUC TGLs = 1-4

Mandibular
Respirat Epith
Nasolacrim Dct
Vomeronas Org

Pars Distalis

Hemorrhage
Inflammation
Nephropathy

Leukemia Mononuclear

Hemorrhage
Leukemia Mononuclear
Leukemia Mononuclear
Hyperplasia
Inflammation
Inflammation
Inflammation
Adenoma

Leukemia Mononuclear

Minimal
Chronic, Moderate
Mild

Mild

Mild
Suppurative, Minimal
Suppurative, Minimal
Minimal
Suppurative, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7154

TRT#: 4

SEX: Female

DAY ON TEST: 713

DOSE: 1 MG/M3 FEMALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7155

TRT#: 4

SEX: Female

DAY ON TEST: 737

DOSE: 1 MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Stomach - Forestomach

Stomach - Glandular

OBSERVATIONS

Adrenal Gland

Cortex

Degeneration

Fatty, Mild

Cortex

Focal Cellular Change

Minimal

Medulla

Hyperplasia

Moderate

Mammary Gland

Galactocele

Minimal

Nose

Respirat Epith

Hyperplasia

Mild

Inflammation

Mild

Olfactory Epi

Metaplasia

Minimal

Ovary

Cyst

Moderate

Note: CYST TGLs = 3-7

Pituitary Gland

Pars Distalis

Adenoma

Note: ADENOMA TGLs = 2-8

Thyroid Gland

C Cell

Adenoma

[Adenoma TGLS = 1-2]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7156

TRT#: 4

SEX: Female

DAY ON TEST: 631

DOSE: 1 MG/M3 FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Ovary	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Lymph Node - Bronchial	Parathyroid Gland
------------------------	-------------------

INSUFFICIENT TISSUE

Esophagus

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
Clitoral Gland		Inflammation	Suppurative, Mild
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Mild
		Degeneration	Fatty, Minimal
		Inflammation	Granulomatous, Focal, Moderate
Lung		Hemorrhage	Minimal
	Perivascular	Infiltration Cellular	Mononuclear CI, Minimal
Lymph Node	Mandibular	Hyperplasia	Mild
Mammary Gland		Hyperplasia	Mild
Nose	Respirat Epith	Hyperplasia	Minimal
	Nasolacrim Dct	Inflammation	Suppurative, Mild
		Inflammation	Suppurative, Mild
		Inflammation	Moderate
	Respirat Epith	Metaplasia	Squamous, Minimal
Ovary			
Note: NEXT TO SALIVARY TISSUE (SLIDE 12).			
Note: ONLY ONE OVARY PRESENT. RECUT TISSUE FROM WET			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroacetophenone (CN)
CAS Number: 532-27-4

Date Report Requested: 10/23/2014
Time Report Requested: 09:51:58
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7156

TRT#: 4

SEX: Female

DAY ON TEST: 631

DOSE: 1 MG/M3 FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: TISSUE WAS NOT THE OTHER OVARY BUT A LYMPH NODE

Pancreas	Acinus	Atrophy	Minimal
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Note: THE TINY ATROPHIC LESION IS PRESENT ON SLIDE #6.

Pituitary Gland	Pars Distalis	Adenoma	
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Note: ADENOMA TGLs = 2-8

Uterus		Polyp Stromal	
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Note: THAN AN ABNORMAL OVARY.

Note: POLYP STROMAL TGLs = 1-11

Note: TGL #1 APPEARNTLY REFERS TO UTERINE MASS RATHER

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7157

TRT#: 4

SEX: Female

DAY ON TEST: 637

DOSE: 1 MG/M3 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	Lung
Mammary Gland	Pancreas	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	Degeneration	Fatty, Minimal
Kidney		Nephropathy	Mild
Liver		Inflammation	Granulomatous, Focal, Minimal
Lymph Node	Mandibular	Hyperplasia	Mild
Nose		Inflammation	Minimal
Ovary		Cyst	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 1-8		
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7158

TRT#: 4

SEX: Female

DAY ON TEST: 616

DOSE: 1 MG/M3 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	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		

INSUFFICIENT TISSUE

Clitoral Gland

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Minimal
		Inflammation	Granulomatous, Focal, Mild
Lung	Perivascular	Infiltration Cellular	Mononuclear CI, Minimal
Mammary Gland		Hyperplasia	Mild
Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 1-8			
Thyroid Gland	C Cell	Hyperplasia	Minimal
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7159

TRT#: 4

SEX: Female

DAY ON TEST: 737

DOSE: 1 MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Stomach - Forestomach

Stomach - Glandular

OBSERVATIONS

Adrenal Gland

Cortex

Adenoma

Cortex

Degeneration

Fatty, Mild

Cortex

Leukemia Mononuclear

Medulla

Leukemia Mononuclear

Medulla

Pheochromocytoma Benign

Kidney

Leukemia Mononuclear

Nephropathy

Mild

Note: LEUKEMIA MONUC TGLs = 5-12

Lung

Alveolar Epith

Hyperplasia

Minimal

Perivascular

Infiltration Cellular

Mononuclear CI, Mild

Leukemia Mononuclear

[Leukemia Mononuclear TGLs = 4-11]

Lymph Node

Bronchial

Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 1-3

Mammary Gland

Fibroadenoma

Leukemia Mononuclear

Note: IS PRESENT IN THE MAMMARY TUMOR, HOWEVER, I DO NOT

Note: ONE TINY FOCUS OF INCREASED CELLULARITY ANAPLASIA

Note: LEUKEMIA MONUC TGLs = 6-7

Note: BELIEVE IT IS ENOUGH TO SWAY THE DIAGNOSIS.

[Leukemia Mononuclear TGLs = 3-13+14]

Nose

Respirat Epith

Hyperplasia

Minimal

Inflammation

Minimal

Pituitary Gland

Pars Distalis

Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 2-8

Uterus

Prolapse

Note: PROLAPSE TGLs = 7-8

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7160

TRT#: 4

SEX: Female

DAY ON TEST: 737

DOSE: 1 MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla

Stomach - Forestomach

Stomach - Glandular

OBSERVATIONS

Adrenal Gland

Cortex

Focal Cellular Change

Minimal

Liver

Basophilic Focus

Minimal

Hepatodiaphragmatic Nodule

Inflammation

Granulomatous, Focal, Minimal

Note: MUSCLE. I DO NOT FEEL THERE IS ANY REASON TO CUT

Note: A SECTION OF MAMMARY TUMOR INSTEAD OF DIAPHRAGMATIC

Note: NOT CUT IN. ALL THAT WAS PRESENT ON SLIDE #12 WAS

Note: DIAPHRAGM. A SECTION OF DIAPHRAGMATIC MUSCLE WAS

Note: THE MUSCLE IN.

Note: THE LIVER LESION IN THE MEDIAN LOBE IS APPEARNTLY

Note: A PORTION OF MEDIAN LOBE HERNIATED THROUGH THE

[Hepatodiaphragmatic Nodule TGLS = 2-11]

Mammary Gland

Fibroadenoma

[Fibroadenoma TGLS = 1-12+13+14]

Nose

Respirat Epith

Hyperplasia

Mild

Inflammation

Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7161

TRT#: 4

SEX: Female

DAY ON TEST: 707

DOSE: 1 MG/M3 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
Ovary	Pancreas	Parathyroid Gland	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
Clitoral Gland		Inflammation	Suppurative, Minimal
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Minimal
		Inflammation	Granulomatous, Focal, Minimal
Lymph Node	Mandibular	Hyperplasia	Mild
Mammary Gland		Adenocarcinoma	
Note: ADENOCARC	TGLs = 1-11		
Nose	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Mild
		Inflammation	Suppurative, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA]	TGLs = 2-8		
Salivary Glands	Duct	Hyperplasia	Minimal
		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7162

TRT#: 4

SEX: Female

DAY ON TEST: 553

DOSE: 1 MG/M3 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	Lung	Pancreas	Salivary Glands
Spleen	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Lymph Node - Bronchial	Parathyroid Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
	Medulla	Hyperplasia	Minimal
Clitoral Gland		Hyperplasia	Mild
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 1-5		
Liver		Basophilic Focus	Minimal
		Hepatodiaphragmatic Nodule	
		Inflammation	Granulomatous, Focal, Minimal
Note: ANOM HEPAT LOB	TGLs = 3-11		
Lymph Node	Mandibular	Hyperplasia	Moderate
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 4-7		
Note: THE MAMMARY FIBROADENOMA IS RIGHT NEXT TO THE			
Note: SALIVARY GL AND APPEARNTLY ACCOUNTS FOR TGL 4-7.			
Note: IT IS QUITE SMALL.			
Nose		Inflammation	Mild
Ovary		Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA]	TGLs = 2-8		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7163

TRT#: 4

SEX: Female

DAY ON TEST: 737

DOSE: 1 MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla

Stomach - Forestomach

Stomach - Glandular

OBSERVATIONS

Adrenal Gland

Cortex

Degeneration

Fatty, Mild

Liver

Basophilic Focus

Mild

Hepatodiaphragmatic Nodule

Inflammation

Granulomatous, Focal, Minimal

Note: ANOM HEPAT LOB TGLs = 5-11

Mammary Gland

Fibroadenoma

Note: IN TERMS OF NUMBER OF ACINAR CELLS PRESENT.

Note: THIS MAMMARY TUMOR IS MORE CELLULAR THAN NORMAL

[Fibroadenoma TGLS = 3-13+14+15]

Mesentery

Fat

Inflammation

Chronic, Moderate

Note: INFLAMMATION TGLs = 1-12

Note: TISSUE ON THIS SLIDE IS NOT PANCREATIC TISSUE.

Nose

Respirat Epith

Hyperplasia

Minimal

Nasolacrim Dct

Inflammation

Suppurative, Mild

Inflammation

Mild

Cyst

Ovary

Note: IT APPEARS ONLY ONE OVARIAN CYST IS PRESENT.

[Cyst TGLS = 2,6-7]

Pituitary Gland

Pars Distalis

Hyperplasia

Moderate

[Hyperplasia TGLS = 4-8]

Spleen

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7164

TRT#: 4

SEX: Female

DAY ON TEST: 700

DOSE: 1 MG/M3 FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	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	Lymph Node - Bronchial	Mammary Gland	Ovary
Parathyroid Gland	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

MISSING

Skin

OBSERVATIONS

Bone		Osteopetrosis	Mild
Clitoral Gland		Inflammation	Suppurative, Mild
Harderian Gland		Inflammation	Suppurative, Minimal
Heart		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Liver		Degeneration	Fatty, Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-4			
Lung		Inflammation	Chronic, Focal, Minimal
		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Nose		Thrombosis	Mild
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 3-8			
Salivary Glands	Duct	Hyperplasia	Minimal
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-4			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroacetophenone (CN)
CAS Number: 532-27-4

Date Report Requested: 10/23/2014
Time Report Requested: 09:51:58
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7164

TRT#: 4

SEX: Female

DAY ON TEST: 700

DOSE: 1 MG/M3 FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7165

TRT#: 4

SEX: Female

DAY ON TEST: 737

DOSE: 1 MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla

Stomach - Forestomach

Stomach - Glandular

OBSERVATIONS

Adrenal Gland

Cortex

Hematopoietic Cell Proliferation

Minimal

Mammary Gland

Adenoma

Fibroadenoma

Note: LOGICALLY FROM THE FIBROADENOMA.

Note: NEXT TO THE CLITORAL GLAND IS A SMALL CELLULAR CYSTIC

Note: MAMMARY ADENOMA. IT APPEARS TO BE QUITE DISTINCT HISTO-

[Fibroadenoma TGLS = 1-11+12+13]

Nose

Inflammation

Mild

Pituitary Gland

Pars Distalis

Adenoma

[Adenoma TGLS = 2-8]

Urinary Bladder

Transit Epithe

Papilloma

[Papilloma TGLS = 4-8]

Uterus

Dilatation

Mild

[Dilatation TGLS = 3-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7166

TRT#: 4

SEX: Female

DAY ON TEST: 671

DOSE: 1 MG/M3 FEMALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Islets, Pancreatic
Ovary
Stomach - Forestomach
Urinary Bladder

Adrenal Gland - Medulla
Clitoral Gland
Lymph Node - Bronchial
Pancreas
Stomach - Glandular
Uterus

Bone
Esophagus
Lymph Node - Mandibular
Parathyroid Gland
Thymus

Bone Marrow
Intestine Small - Duodenum
Mammary Gland
Spleen
Thyroid Gland

AUTO PRECLUDES DIAG.

Intestine Large - Cecum
Intestine Small - Jejunum

Intestine Large - Colon

Intestine Large - Rectum

Intestine Small - Ileum

INSUFFICIENT TISSUE

Larynx

Trachea

OBSERVATIONS

Heart
Kidney
Liver

Inflammation
Nephropathy
Angiectasis
Basophilic Focus
Inflammation

Chronic, Mild
Minimal
Minimal
Minimal
Granulomatous, Focal, Mild

Note: RECUT IN LIVER SECTIONS SHOWED NO HEPATOCELLULAR

Note: CARCINOMA.

Lung

Alveolus

Infiltration Cellular
Neoplasm Nos

Histiocyte, Minimal
Metastatic (Uncertain Primary Site)

Note: TUMOR MASSES. NEOPLASM IS CHORDOMA.

Note: [NEOPLASM NOS] TGLs = 4-3+11

Note: CHECKING OF WET TISSUE DOES NOT SHOW ANY OBVIOUS

Nose

Respirat Epith
Vomeronas Org

Hyperplasia
Inflammation
Inflammation

Minimal
Suppurative, Minimal
Minimal

Pituitary Gland

Respirat Epith
Pars Distalis

Metaplasia
Adenoma

Squamous, Minimal

Note: ADENOMA TGLs = 2,3-8

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroacetophenone (CN)
CAS Number: 532-27-4

Date Report Requested: 10/23/2014
Time Report Requested: 09:51:58
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7166

TRT#: 4

SEX: Female

DAY ON TEST: 671

DOSE: 1 MG/M3 FEMALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7167

TRT#: 4

SEX: Female

DAY ON TEST: 737

DOSE: 1 MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Mammary Gland

Stomach - Forestomach

Stomach - Glandular

OBSERVATIONS

Adrenal Gland

Cortex

Degeneration

Mild

Cortex

Leukemia Mononuclear

Medulla

Leukemia Mononuclear

Liver

Leukemia Mononuclear

Lung

Leukemia Mononuclear

Nose

Respirat Epith

Hyperplasia

Minimal

Inflammation

Minimal

Inflammation

Suppurative, Minimal

Spleen

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7168

TRT#: 4

SEX: Female

DAY ON TEST: 687

DOSE: 1 MG/M3 FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla
Intestine Large - Cecum
Intestine Small - Jejunum
Lymph Node - Mandibular
Salivary Glands
Trachea

Bone Marrow
Intestine Large - Rectum
Islets, Pancreatic
Ovary
Skin
Urinary Bladder

Clitoral Gland
Intestine Small - Duodenum
Larynx
Pancreas
Stomach - Forestomach
Uterus

Esophagus
Intestine Small - Ileum
Lymph Node - Bronchial
Parathyroid Gland
Stomach - Glandular

MISSING

Intestine Large - Colon

OBSERVATIONS

Adrenal Gland

Cortex
Cortex

Degeneration
Necrosis
Osteopetrosis
Hemorrhage
Inflammation
Nephropathy
Basophilic Focus
Leukemia Mononuclear
Necrosis
Leukemia Mononuclear

Fatty, Minimal
Minimal
Moderate
Minimal
Chronic, Minimal
Mild
Minimal
Minimal

Lung

Note: I DO NOT BELIEVE THE LUNG CHANGES OBSERVED ACCOUNT FOR TGL #1.

Mammary Gland

Note: THE FIBROADENOMA IS VERY SMALL AND SITUATED AROUND THE CLITORAL GLAND.

Fibroadenoma

Nose

Nasolacrim Dct

Inflammation
Inflammation

Suppurative, Minimal
Suppurative, Minimal

Pituitary Gland

Pars Distalis
Pars Distalis

Adenoma
Leukemia Mononuclear

Note: ADENOMA TGLs = 2-8

Spleen

Leukemia Mononuclear

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7168

TRT#: 4

SEX: Female

DAY ON TEST: 687

DOSE: 1 MG/M3 FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Thymus

Leukemia Mononuclear

Thyroid Gland

C Cell

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7169

TRT#: 4

SEX: Female

DAY ON TEST: 640

DOSE: 1 MG/M3 FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

MISSING

Intestine Large - Rectum

OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Clitoral Gland		Inflammation	Suppurative, Minimal
Heart		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Note: NEPHROPATHY	TGLs = 2-5		
Liver		Degeneration	Fatty, Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Bronchial	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
Mammary Gland		Galactoceles	Minimal
Nose	Respirat Epith	Hyperplasia	Minimal
	Nasolacrim Dct	Inflammation	Suppurative, Mild
		Inflammation	Minimal
		Inflammation	Suppurative, Minimal
Ovary		Atrophy	Mild
Pancreas		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7169

TRT#: 4

SEX: Female

DAY ON TEST: 640

DOSE: 1 MG/M3 FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Parathyroid Gland		Hyperplasia	Marked
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
	Pars Distalis	Leukemia Mononuclear	
Salivary Glands	Duct	Hyperplasia	Minimal
Skin	Subcut Tiss, Thoracic, Ventral	Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-4		
Thymus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7170

TRT#: 4

SEX: Female

DAY ON TEST: 737

DOSE: 1 MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Adrenal Gland - Medulla

Stomach - Forestomach

Stomach - Glandular

OBSERVATIONS

Lung

Perivascular

Infiltration Cellular

Mononuclear CI, Minimal

Mammary Gland

Fibroadenoma

[Fibroadenoma TGLS = 1-11+12]

Nose

Inflammation

Moderate

Pituitary Gland

Pars Distalis

Hyperplasia

Moderate

[Hyperplasia TGLS = 2-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7171

TRT#: 4

SEX: Female

DAY ON TEST: 737

DOSE: 1 MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Adrenal Gland - Medulla

Stomach - Forestomach

Stomach - Glandular

OBSERVATIONS

Mammary Gland

Fibroadenoma

Multiple

Note: FIBROADENOMAS.

Note: ACINI PRESENT.

Note: THERE ARE THREE MAMMARY TUMORS IN ALL. ONE MAMMARY

Note: CYSTIC. ONE MAMMARY TUMOR HAS VERY FEW MAMMARY

Note: I PRESUME THE MAMMARY TUMOR NEXT TO THE CLITORAL GLAND

Note: IS THE SAME AS ONE OF THE OTHER SUBCUTANEOUS MAMMARY

Note: ACINAR CELLS. ONE MAMMARY TUMOR IS MARKEDLY

Note: TUMOR IS HIGHLY CELLULAR IN TERMS OF NUMBER OF

[Fibroadenoma TGLS = 2,3,4-11+12+13+14+15]

Nose

Inflammation

Suppurative, Minimal

Pituitary Gland

Pars Distalis

Adenoma

[Adenoma TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7172

TRT#: 4

SEX: Female

DAY ON TEST: 737

DOSE: 1 MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Stomach - Glandular

MISSING

Clitoral Gland

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Medulla	Hyperplasia	Moderate
Kidney		Nephropathy	Marked
Note: NEPHROPATHY	TGLs = 3-5		
Lacrimal Gland	Acinus	Atrophy	Mild
Note: ATROPHY	TGLs = 4-12		
Liver	Hepatocyte	Degeneration	Fatty, Minimal
		Hyperplasia	Focal, Moderate
		Inflammation	Granulomatous, Focal, Minimal
Note: [HYPERPLASIA]	TGLs = 2-4		
Mammary Gland		Fibroadenoma	Multiple
Note: FIBROADENOMA	TGLs = 1,6-11+13+14+15		
Note: THE SMALLEST ONE IS REPRESENTED ON SLIDES 11			
Note: THERE ARE TWO DISTINCT MAMMARY MASSES PRESENT.			
Note: AND 15. THE LARGER OF THE TWO IS REPRESENTED			
Note: ON SLIDES 13 AND 14.			
Nose	Respirat Epith	Hyperplasia	Mild
		Inflammation	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 5-8		
Stomach	Forestomach	Hyperplasia	Squamous, Moderate
	Forestomach	Inflammation	Mild
	Forestomach	Ulcer	Minimal
Note: HYPERPLASIA	TGLs = 7-8		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7173

TRT#: 4

SEX: Female

DAY ON TEST: 610

DOSE: 1 MG/M3 FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Eye	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	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Glandular	Thymus	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
Clitoral Gland		Inflammation	Suppurative, Moderate
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Minimal
		Eosinophilic Focus	Moderate
		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Granulomatous, Focal, Mild
Lung		Hemorrhage	Minimal
	Alveolar Epith	Hyperplasia	Moderate
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 1-11			
Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
		Inflammation	Suppurative, Minimal
		Inflammation	Minimal
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 2-8			
Stomach	Forestomach	Hyperplasia	Squamous, Mild
	Forestomach	Inflammation	Minimal
Thyroid Gland	C Cell	Hyperplasia	Minimal
Trachea	Epithelium	Metaplasia	Squamous, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroacetophenone (CN)
CAS Number: 532-27-4

Date Report Requested: 10/23/2014
Time Report Requested: 09:51:58
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7173

TRT#: 4

SEX: Female

DAY ON TEST: 610

DOSE: 1 MG/M3 FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7174

TRT#: 4

SEX: Female

DAY ON TEST: 687

DOSE: 1 MG/M3 FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Esophagus	Intestine Large - Cecum	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Larynx
Mammary Gland	Pancreas	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular		

MISSING

Islets, Pancreatic	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Medulla	Hyperplasia	Moderate
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Brain		Leukemia Mononuclear	
Clitoral Gland		Inflammation	Suppurative, Mild
Note: INFLAMMATION TGLs = 1-7			
Heart		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
Intestine Large	Colon	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Liver		Degeneration	Fatty, Moderate
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-4			
Lung		Hemorrhage	Minimal
		Inflammation	Chronic, Focal, Minimal
		Leukemia Mononuclear	
Lymph Node	Bronchial	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-11			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7174

TRT#: 4

SEX: Female

DAY ON TEST: 687

DOSE: 1 MG/M3 FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Mesentery	Fat	Leukemia Mononuclear	
	Fat	Necrosis	Moderate
	[Leukemia Mononuclear TGLS = 6-12]		
	[Necrosis TGLS = 6-12]		
Nose	Respirat Epith	Hyperplasia	Minimal
	Respirat Epith	Metaplasia	Squamous, Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 5-8		
Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 2-11]		
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Mild
Trachea	Epithelium	Hyperplasia	Minimal
Urinary Bladder		Leukemia Mononuclear	
Uterus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7175

TRT#: 4

SEX: Female

DAY ON TEST: 737

DOSE: 1 MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla

Stomach - Forestomach

Stomach - Glandular

OBSERVATIONS

Adrenal Gland

Cortex

Degeneration

Fatty, Mild

Lacrimal Gland

Acinus

Atrophy

Mild

[Atrophy TGLS = 1-11]

Lung

Alveolar Epith

Hyperplasia

Mild

Mammary Gland

Galactocele

Minimal

Nose

Respirat Epith

Hyperplasia

Minimal

Inflammation

Minimal

Pituitary Gland

Pars Distalis

Adenoma

[Adenoma TGLS = 2-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7176

TRT#: 4

SEX: Female

DAY ON TEST: 679

DOSE: 1 MG/M3 FEMALE

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
Mammary Gland	Ovary	Parathyroid Gland	

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Clitoral Gland		Hyperplasia	Mild
Heart		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
Kidney	Renal Tubule	Adenoma	
		Leukemia Mononuclear	
		Nephropathy	Mild
Liver		Basophilic Focus	Mild
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
Lung		Inflammation	Chronic, Focal, Mild
		Leukemia Mononuclear	
Lymph Node	Bronchial	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-7		
Note: LEUKEMIA MONUC	TGLs = 3-3+11		
Nose	Respirat Epith	Hyperplasia	Moderate
		Inflammation	Moderate
		Inflammation	Suppurative, Mild
		Leukemia Mononuclear	
	Respirat Epith	Metaplasia	Squamous, Mild
Pancreas		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7176

TRT#: 4

SEX: Female

DAY ON TEST: 679

DOSE: 1 MG/M3 FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Salivary Glands	Pars Distalis Duct	Leukemia Mononuclear Hyperplasia	Minimal
Skin		Leukemia Mononuclear Inflammation	Suppurative, Mild
Spleen		Fibrosis Leukemia Mononuclear	Mild
Note: LEUKEMIA MONUC TGLs = 2-4			
Stomach	Forestomach Glandular	Leukemia Mononuclear Leukemia Mononuclear	
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Mild
Trachea	Epithelium	Metaplasia	Squamous, Minimal
Urinary Bladder		Leukemia Mononuclear	
Uterus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroacetophenone (CN)
CAS Number: 532-27-4

Date Report Requested: 10/23/2014
Time Report Requested: 09:51:58
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 7177

TRT#: 4

SEX: Female

DAY ON TEST: 658

DOSE: 1 MG/M3 FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Bronchial	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Focal Cellular Change	Minimal
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Moderate
Liver		Basophilic Focus	Mild
		Degeneration	Fatty, Mild
		Inflammation	Granulomatous, Focal, Mild
		Leukemia Mononuclear	
		Leukemia Mononuclear	
Lung			
Note: FOR TGL #2.			
Note: I AM NOT CONVINCED THE LEUKEMIA MONUC ACCOUNTS			
Lymph Node	Mandibular	Hyperplasia	Mild
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 1-11			
Nose		Inflammation	Suppurative, Minimal
		Inflammation	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 3-8			
Spleen		Leukemia Mononuclear	
Stomach	Forestomach	Hyperplasia	Squamous, Moderate
	Forestomach	Inflammation	Moderate
	Forestomach	Ulcer	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7177

TRT#: 4

SEX: Female

DAY ON TEST: 658

DOSE: 1 MG/M3 FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ULCER

TGLs = 4-8

Thyroid Gland

C Cell

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7178

TRT#: 4

SEX: Female

DAY ON TEST: 737

DOSE: 1 MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Adrenal Gland - Medulla

Stomach - Forestomach

Stomach - Glandular

OBSERVATIONS

Clitoral Gland
[Inflammation TGLS = 2-7]

Inflammation

Suppurative, Mild

Liver
[Leukemia Mononuclear TGLS = 4-4]

Basophilic Focus
Inflammation
Leukemia Mononuclear

Minimal
Granulomatous, Focal, Minimal

Lung
Note: ALV BRON ADEN TGLs = 3-11

Alveolar/Bronchiolar Adenoma
Leukemia Mononuclear

Mammary Gland
[Fibroadenoma TGLS = 1-12+13]

Fibroadenoma
Galactocele

Minimal

Nose
Pars Distalis

Inflammation
Inflammation
Hyperplasia

Suppurative, Minimal
Minimal
Focal, Mild

Pituitary Gland
Spleen

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7179

TRT#: 4

SEX: Female

DAY ON TEST: 694

DOSE: 1 MG/M3 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 - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Lymph Node - Mandibular	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

MISSING

Lymph Node - Bronchial

OBSERVATIONS

Harderian Gland		Inflammation	Suppurative, Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Minimal
		Inflammation	Granulomatous, Focal, Minimal
		Leukemia Mononuclear	
Lung		Hemorrhage	Minimal
		Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Mild
Nose	Respirat Epith	Hyperplasia	Minimal
	Nasolacrim Dct	Inflammation	Suppurative, Minimal
		Inflammation	Minimal
		Inflammation	Suppurative, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 1-8			
Spleen		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:58

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7180

TRT#: 4

SEX: Female

DAY ON TEST: 666

DOSE: 1 MG/M3 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	Lymph Node - Mandibular
Mammary Gland	Ovary	Parathyroid Gland	Skin
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Brain		Leukemia Mononuclear	
Clitoral Gland		Inflammation	Suppurative, Moderate
Heart		Leukemia Mononuclear	
Kidney		Nephropathy	Mild
Liver		Degeneration	Fatty, Minimal
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
Lung		Hemorrhage	Minimal
		Inflammation	Chronic, Focal, Minimal
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-3		
Lymph Node	Bronchial	Leukemia Mononuclear	
Nose		Leukemia Mononuclear	
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Marked
	Pars Distalis	Leukemia Mononuclear	
Salivary Glands	Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-11		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7180

TRT#: 4

SEX: Female

DAY ON TEST: 666

DOSE: 1 MG/M3 FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Stomach	Forestomach	Leukemia Mononuclear
PRIMARY CAUSE OF DEATH	-	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7181

TRT#: 4

SEX: Female

DAY ON TEST: 658

DOSE: 1 MG/M3 FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Lung	Lymph Node - Bronchial
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
	Medulla	Hyperplasia	Minimal
	Bilateral, Cortex	Hypertrophy	Moderate
Clitoral Gland		Inflammation	Suppurative, Mild
Heart		Inflammation	Chronic, Minimal
Intestine Large	Cecum	Parasite Metazoan	
Intestine Small	Ileum	Hyperplasia	Lymphoid, Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Minimal
		Degeneration	Fatty, Minimal
		Eosinophilic Focus	Mild
		Inflammation	Granulomatous, Focal, Mild
Lymph Node	Mandibular	Hyperplasia	Mild
Mammary Gland		Adenoma	
Note: ADENOMA	TGLs = 1-11		
Nose		Inflammation	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA]	TGLs = 2-8		
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7182

TRT#: 4

SEX: Female

DAY ON TEST: 737

DOSE: 1 MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Stomach - Forestomach

Stomach - Glandular

OBSERVATIONS

Adrenal Gland

Cortex

Degeneration

Fatty, Moderate

Cortex

Degeneration

Moderate

Medulla

Hyperplasia

Moderate

Clitoral Gland

Adenoma

Note: ADENOMA TGLs = 4-7

Kidney

Nephropathy

Mild

Note: NEPHROPATHY TGLs = 3-5

Lung

Perivascular

Infiltration Cellular

Mononuclear CI, Minimal

Mammary Gland

Hyperplasia

Mild

Nose

Respirat Epith

Hyperplasia

Mild

Inflammation

Mild

Inflammation

Suppurative, Minimal

Pituitary Gland

Pars Distalis

Adenoma

[Adenoma TGLS = 1-8]

Spleen

Hyperplasia

Lymphoid, Mild

Inflammation

Granulomatous, Focal, Mild

[Hyperplasia TGLS = 2-11]

[Inflammation TGLS = 2-11]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7183

TRT#: 4

SEX: Female

DAY ON TEST: 737

DOSE: 1 MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex

Mammary Gland

Stomach - Forestomach

Stomach - Glandular

OBSERVATIONS

Adrenal Gland

Medulla

Pheochromocytoma Benign

Liver

Basophilic Focus

Minimal

Hepatodiaphragmatic Nodule

Inflammation

Granulomatous, Focal, Minimal

[Hepatodiaphragmatic Nodule TGLS = 2-11]

Lung

Alveolus

Infiltration Cellular

Histiocyte, Minimal

Nose

Respirat Epith

Hyperplasia

Mild

Inflammation

Mild

Inflammation

Suppurative, Minimal

Olfactory Epi

Metaplasia

Minimal

Note: NASAL SECTION.

Note: RESPIRATORY EPITHELIAL TYPE OCCURED ON THE SECOND

Note: THE OLFACTORY EPITHELIAL METAPLASIA TO THE

Pituitary Gland

Pars Distalis

Adenoma

[Adenoma TGLS = 1-8]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7184

TRT#: 4

SEX: Female

DAY ON TEST: 687

DOSE: 1 MG/M3 FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular	Ovary
Pancreas	Salivary Glands	Skin	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	

MISSING

Parathyroid Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Hematopoietic Cell Proliferation	Minimal
	Cortex	Hyperplasia	Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Heart		Inflammation	Chronic, Minimal
	Atrium	Thrombosis	Minimal
Kidney		Nephropathy	Minimal
Liver		Leukemia Mononuclear	
		Necrosis	Minimal
		Infiltration Cellular	Mononuclear CI, Minimal
Lung	Perivascular	Inflammation	Chronic, Focal, Minimal

Note: THERE DOES NOT APPEAR TO BE A GOOD ENOUGH LESION

Note: TO ACCOUNT FOR TGL #3. THERE IS SOME INDICATION

Note: OF MONONEUCLEAR CELL LEUKEMIA IN THE LUNG,

Note: HOWEVER IT IS NOT CONVIENCING.

Mammary Gland

Fibroadenoma

Note: FIBROADENOMA TGLs = 1-12+13

Nose	Respirat Epith	Hyperplasia	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7184

TRT#: 4

SEX: Female

DAY ON TEST: 687

DOSE: 1 MG/M3 FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 4-8

Spleen

Stomach

Uterus

Note: POLYP STROMAL TGLs = 2-11

Forestomach

Forestomach

Leukemia Mononuclear

Hyperplasia

Inflammation

Polyp Stromal

Squamous, Mild

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7185

TRT#: 4

SEX: Female

DAY ON TEST: 707

DOSE: 1 MG/M3 FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Clitoral Gland	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Parathyroid Gland	Salivary Glands	Skin	Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Note: LEUKEMIA MONUC	TGLs = 5-5		
Brain		Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Liver		Degeneration	Fatty, Moderate
		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
Note: ANOM HEPAT LOB	TGLs = 3,9-11+12		
Note: LEUKEMIA MONUC	TGLs = 4-4+11+12		
Lung	Alveolus	Infiltration Cellular	Histiocyte, Moderate
		Leukemia Mononuclear	
		Thrombosis	Minimal
Note: LEUKEMIA MONUC	TGLs = 6-3		
Lymph Node	Bronchial	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 8-15		
Mammary Gland		Adenocarcinoma	
Note: ADENOCARC	TGLs = 1-13+14		
Note: THE MAJORITY OF THE TUMOR IS A TYPICAL FIBROADENOMA			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7185

TRT#: 4

SEX: Female

DAY ON TEST: 707

DOSE: 1 MG/M3 FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: HOWEVER, ONE AREA OF THE NEOPLASM IS MORE DENSLEY

Note: CELLULAR AND REPRESENTS A LOW GRADE ADENOCARCINOMA.

Nose	Respirat Epith	Hyperplasia	Minimal
	Vomeronas Org	Inflammation	Suppurative, Minimal
		Inflammation	Suppurative, Mild
		Inflammation	Mild
		Leukemia Mononuclear	
	Respirat Epith	Metaplasia	Squamous, Minimal
		Thrombosis	Minimal
	Respirat Epith	Ulcer	Moderate

Note: THE FIRST SECTIONS OF NASAL CAVITY ALSO HAS PROMINENT

Note: EPITHELIAL EROSIONS.

Ovary		Leukemia Mononuclear	
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Note: LEUKEMIA MONUC TGLs = 2-7

Pancreas	Acinus	Cytomegaly	Moderate
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Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Leukemia Mononuclear	

Note: ADENOMA TGLs = 7-8

Spleen		Leukemia Mononuclear	
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Stomach	Forestomach	Hyperplasia	Squamous, Mild
	Forestomach	Inflammation	Mild
	Glandular	Inflammation	Moderate
	Glandular	Leukemia Mononuclear	
	Forestomach	Ulcer	Minimal
	Glandular	Ulcer	Moderate

Note: ULCER TGLs = 10-8

Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Minimal
Trachea		Inflammation	Suppurative, Minimal
Urinary Bladder		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7185

TRT#: 4

SEX: Female

DAY ON TEST: 707

DOSE: 1 MG/M3 FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7186

TRT#: 4

SEX: Female

DAY ON TEST: 737

DOSE: 1 MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Stomach - Forestomach

Stomach - Glandular

OBSERVATIONS

Adrenal Gland

Cortex

Focal Cellular Change

Minimal

Medulla

Hyperplasia

Minimal

Kidney

Nephropathy

Mild

Note: NEPHROPATHY TGLs = 2-5

Lung

Alveolar Epith

Hyperplasia

Moderate

Note: HYPERPLASIA TGLs = 4-11

Mammary Gland

Hyperplasia

Minimal

Nose

Respirat Epith

Hyperplasia

Moderate

Inflammation

Suppurative, Minimal

Inflammation

Mild

Pituitary Gland

Pars Distalis

Adenoma

Note: ADENOMA TGLs = 3-8

Uterus

Polyp Stromal

Note: THIS POLYP IS A LITTLE UNUSAL FOR A STROMAL POLYP

Note: SWIRLS IN ISLANDS OF SMOOTH MUSCLES WITHIN THE

Note: POLYP. OTHER THAN THAT, IT IS NOT FAR OFF.

Note: SINCE THERE APPEARS TO BE FAIRLY WELL DIFFERENTIATED

[Polyp Stromal TGLS = 1-12]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7187

TRT#: 4

SEX: Female

DAY ON TEST: 737

DOSE: 1 MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla

Stomach - Forestomach

Stomach - Glandular

OBSERVATIONS

Adrenal Gland

Cortex

Hyperplasia

Mild

Kidney

Nephropathy

Moderate

Note: NEPHROPATHY TGLs = 5-5

Liver

Basophilic Focus

Mild

Hepatocyte

Hyperplasia

Focal, Moderate

Inflammation

Granulomatous, Focal, Minimal

Note: [HYPERPLASIA] TGLs = 2-4+12

Mammary Gland

Fibroadenoma

Note: MAMMARY ACINI, BUT STILL RETAINS A PROMINENT ENOUGH

Note: AN ADENOMA.

Note: FIBROS STROMA TO CALL IT FIBROADENOMA RATHER THAN

Note: THIS MAMMARY TUMOR IS QUIET CELLULAR IN TERMS OF

Note: FIBROADENOMA TGLs = 1-11

Nose

Respirat Epith

Hyperplasia

Minimal

Inflammation

Mild

Inflammation

Suppurative, Minimal

Pituitary Gland

Pars Distalis

Adenoma

Note: ADENOMA TGLs = 4-8

Vagina

Hypertrophy

Moderate

Inflammation

Chronic, Mild

[Hypertrophy TGLS = 3-13]

[Inflammation TGLS = 3-13]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7188

TRT#: 4

SEX: Female

DAY ON TEST: 626

DOSE: 1 MG/M3 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
Ovary	Parathyroid Gland	Salivary Glands	Skin
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
	Medulla	Pheochromocytoma Benign	
Bone Marrow		Leukemia Mononuclear	
Brain		Leukemia Mononuclear	
Heart		Inflammation	Chronic, Minimal
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Lacrimal Gland	Acinus	Atrophy	Minimal
Note: ATROPHY TGLs = 3-11			
Liver		Degeneration	Fatty, Moderate
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-4			
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Bronchial	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
Nose		Inflammation	Suppurative, Minimal
Pancreas		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7188

TRT#: 4

SEX: Female

DAY ON TEST: 626

DOSE: 1 MG/M3 FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen

Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 1-12

Stomach

Forestomach

Inflammation

Minimal

Thyroid Gland

C Cell

Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7189

TRT#: 4

SEX: Female

DAY ON TEST: 647

DOSE: 1 MG/M3 FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Bronchial	Mammary Gland	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	Uterus

INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
	Medulla	Hyperplasia	Mild
Heart	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	Chronic, Mild
Kidney		Inflammation	
		Leukemia Mononuclear	
		Cyst	Mild
Note: CYST Larynx Liver	TGLs = 3-5	Leukemia Mononuclear	Mild
		Nephropathy	
Lung	Bile Duct	Inflammation	Suppurative, Minimal
		Degeneration	Fatty, Mild
Lymph Node	Mandibular	Hyperplasia	Mild
		Leukemia Mononuclear	
		Inflammation	Chronic, Focal, Minimal
Nose	Respirat Epith	Leukemia Mononuclear	
		Hyperplasia	Mild
Ovary		Inflammation	Suppurative, Minimal
		Inflammation	Minimal
		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7189

TRT#: 4

SEX: Female

DAY ON TEST: 647

DOSE: 1 MG/M3 FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland

Pars Distalis

Adenoma

Note: ADENOMA TGLs = 2-8

Spleen

Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 1-11

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7190

TRT#: 4

SEX: Female

DAY ON TEST: 605

DOSE: 1 MG/M3 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 - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Bronchial	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Hematopoietic Cell Proliferation	Mild
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Mild
Larynx		Hyperplasia	Minimal
Liver		Hematopoietic Cell Proliferation	Mild
		Inflammation	Granulomatous, Focal, Minimal
Lung	Perivascular	Infiltration Cellular	Mononuclear CI, Minimal
Lymph Node	Mandibular	Hyperplasia	Mild
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 1-11		
Nose		Inflammation	Minimal
		Inflammation	Suppurative, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 3-8		
Spleen		Hematopoietic Cell Proliferation	Mild
Thyroid Gland	C Cell	Hyperplasia	Minimal
Uterus		Sarcoma Stromal	
Note: SARC STROMAL	TGLs = 2-12+13		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7191

TRT#: 4

SEX: Female

DAY ON TEST: 737

DOSE: 1 MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla

Clitoral Gland

Mammary Gland

Stomach - Forestomach

Stomach - Glandular

OBSERVATIONS

Adrenal Gland

Cortex

Degeneration

Fatty, Minimal

Nose

Respirat Epith

Hyperplasia

Minimal

Nasolacrim Dct

Inflammation

Suppurative, Mild

Inflammation

Mild

Inflammation

Suppurative, Minimal

Pituitary Gland

Pars Distalis

Adenoma

Pars Distalis

Mineralization

Mild

Note: [ADENOMA] TGLs = 1-8

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7192

TRT#: 4

SEX: Female

DAY ON TEST: 737

DOSE: 1 MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla

Stomach - Forestomach

Stomach - Glandular

OBSERVATIONS

Adrenal Gland

Cortex

Hematopoietic Cell Proliferation

Minimal

Clitoral Gland

Adenoma

Inflammation

Suppurative, Mild

Note: ADENOMA TGLs = 5-7

Liver

Basophilic Focus

Mild

Hepatodiaphragmatic Nodule

Inflammation

Granulomatous, Focal, Minimal

[Hepatodiaphragmatic Nodule TGLS = 4-11]

Mammary Gland

Fibroadenoma

Multiple

Note: FIBROADENOMA TGLs = 1,3-12+13+14+15

Note: THERE ARE TWO MAMMARY TUMORS. BOTH LOOK VERY SIMILAR

Nose

Respirat Epith

Hyperplasia

Minimal

Inflammation

Mild

Inflammation

Suppurative, Minimal

Pituitary Gland

Pars Distalis

Adenoma

Note: ADENOMA TGLs = 2-8

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7193

TRT#: 4

SEX: Female

DAY ON TEST: 737

DOSE: 1 MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Clitoral Gland

Stomach - Forestomach

Stomach - Glandular

OBSERVATIONS

Adrenal Gland

Cortex

Degeneration

Fatty, Mild

Cortex

Hematopoietic Cell Proliferation

Minimal

Cortex

Leukemia Mononuclear

Medulla

Leukemia Mononuclear

Harderian Gl

Note: IN THE HARDERIAN GL. THIS WILL NOT BE RECORDED AS

Note: A DIAGNOSIS BECAUSE HARDERIAN GL IS NOT A TARGET ORGAN

Note: THERE IS PROMINENT SUPPURATIVE INFLAMMATION PRESENT

Kidney

Leukemia Mononuclear

Nephropathy

Mild

Note: NEPHROPATHY TGLs = 3-5

Liver

Angiectasis

Minimal

Basophilic Focus

Minimal

Inflammation

Granulomatous, Focal, Minimal

Leukemia Mononuclear

[Leukemia Mononuclear TGLs = 2-4]

Lung

Perivascular

Infiltration Cellular

Mononuclear CI, Mild

Mediastinum

Inflammation

Granulomatous, Moderate

Mammary Gland

Galactocele

Mild

Hyperplasia

Moderate

Nose

Respirat Epith

Hyperplasia

Minimal

Inflammation

Minimal

Pituitary Gland

Pars Distalis

Adenoma

[Adenoma TGLs = 1-8]

Spleen

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7194

TRT#: 4

SEX: Female

DAY ON TEST: 737

DOSE: 1 MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla

Stomach - Forestomach

Stomach - Glandular

OBSERVATIONS

Adrenal Gland

Cortex

Degeneration

Fatty, Minimal

Cortex

Hypertrophy

Moderate

Eye

Retina

Atrophy

Marked

Lens

Degeneration

Moderate

Lens

Mineralization

Mild

Synechia

Marked

Note: SYNECHIA TGLs = 1-12

Note: DEGEN TGLs = 1-12

Liver

Basophilic Focus

Minimal

Hepatocyte

Hyperplasia

Mild

Inflammation

Granulomatous, Focal, Minimal

[Basophilic Focus TGLS = 4-11]

Lung

Inflammation

Chronic, Focal, Minimal

Mammary Gland

Fibroadenoma

Note: FIBROADENOMA TGLs = 2-13+14

Nose

Respirat Epith

Hyperplasia

Minimal

Nasolacrim Dct

Inflammation

Suppurative, Mild

Inflammation

Minimal

Inflammation

Suppurative, Minimal

Pituitary Gland

Pars Distalis

Adenoma

Note: ADENOMA TGLs = 3-8

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7195

TRT#: 4

SEX: Female

DAY ON TEST: 647

DOSE: 1 MG/M3 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 - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lymph Node - Mandibular
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

MISSING

Lymph Node - Bronchial

OBSERVATIONS

Intestine Small	Ileum	Parasite Metazoan	
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Mild
		Inflammation	Granulomatous, Focal, Minimal
Lung	Perivascular	Infiltration Cellular	Mononuclear CI, Minimal
Lymph Node	Pancreatic	Inflammation	Granulomatous, Mild
Mammary Gland		Fibroadenoma	Multiple
Note: THERE ARE THREE MAMMARY TUMORS IN THIS ANIMAL.			
Note: FIBROADENOMA TGLs = 1,2,3-11+12+13+14+15+16			
Nose		Inflammation	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 4-8			
Thyroid Gland	C Cell	Adenoma	
Tooth		Inflammation	Suppurative, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7196

TRT#: 4

SEX: Female

DAY ON TEST: 519

DOSE: 1 MG/M3 FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Bronchial	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

MISSING

Intestine Small - Ileum

INSUFFICIENT TISSUE

Larynx

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
	Cortex	Leukemia Mononuclear	
Note: ALONG WITH THE LEUKEMIC INFILTRATE IS PROMENIENT			
Note: LEUKEMIA MONUC TGLs = 3-5			
Note: CORTICAL CONGESTION.			
Heart		Leukemia Mononuclear	
Kidney	Renal Tubule	Hyperplasia	Mild
		Nephropathy	Mild
Liver		Basophilic Focus	Minimal
		Leukemia Mononuclear	
Lung		Hemorrhage	Minimal
		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Moderate
Nose	Respirat Epith	Hyperplasia	Minimal
	Respirat Epith	Metaplasia	Squamous, Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Skin	Subcut Tiss	Inflammation	Chronic, Marked
	Subcut Tiss	Necrosis	Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7196

TRT#: 4

SEX: Female

DAY ON TEST: 519

DOSE: 1 MG/M3 FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Subcut Tiss

Thrombosis

Moderate

Note: INFLAMMATION TGLs = 1-11

Note: NECROSIS TGLs = 1-11

Spleen

Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 2-4

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7197

TRT#: 4

SEX: Female

DAY ON TEST: 737

DOSE: 1 MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla

Stomach - Forestomach

Stomach - Glandular

OBSERVATIONS

Adrenal Gland

Cortex

Adenoma

Cortex

Degeneration

Fatty, Mild

Kidney

Nephropathy

Moderate

Note: NEPHROPATHY TGLs = 1-5

Liver

Inflammation

Granulomatous, Focal, Minimal

Mammary Gland

Galactocele

Minimal

Hyperplasia

Minimal

Nose

Respirat Epith

Hyperplasia

Moderate

Inflammation

Moderate

Inflammation

Suppurative, Minimal

Pituitary Gland

Pars Distalis

Adenoma

Note: [ADENOMA] TGLs = 2-8

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7198

TRT#: 4

SEX: Female

DAY ON TEST: 616

DOSE: 1 MG/M3 FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Brain	Esophagus	Intestine Large - Cecum
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Mammary Gland	Parathyroid Gland	Pituitary Gland
Skin	Stomach - Glandular	Trachea	

OBSERVATIONS

Adrenal Gland	Cortex	Focal Cellular Change	Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 5-5			
Bone		Osteopetrosis	Minimal
Clitoral Gland		Hyperplasia	Minimal
Heart		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
Intestine Large	Colon	Leukemia Mononuclear	
Intestine Small	Ileum	Hyperplasia	Lymphoid, Mild
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Liver		Basophilic Focus	Minimal
		Degeneration	Fatty, Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-4			
Lung		Inflammation	Chronic, Focal, Minimal
		Leukemia Mononuclear	
Lymph Node	Bronchial	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-7			
Nose	Nasolacrim Dct	Inflammation	Suppurative, Minimal
		Inflammation	Minimal
		Inflammation	Suppurative, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7198

TRT#: 4

SEX: Female

DAY ON TEST: 616

DOSE: 1 MG/M3 FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Ovary			Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-7			
Pancreas		Acinus	Atrophy	Minimal
Salivary Glands		Duct	Hyperplasia	Minimal
Spleen			Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-4			
Stomach		Forestomach	Leukemia Mononuclear	
Thymus			Leukemia Mononuclear	
Thyroid Gland		C Cell	Hyperplasia	Minimal
Urinary Bladder			Leukemia Mononuclear	
Uterus		Endometrium	Cyst	Multiple, Minimal
PRIMARY CAUSE OF DEATH		-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7199

TRT#: 4

SEX: Female

DAY ON TEST: 679

DOSE: 1 MG/M3 FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Brain		Leukemia Mononuclear	
Heart		Inflammation	Chronic, Mild
Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4-12		
Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-3+11		
Lymph Node	Bronchial	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
Mammary Gland		Galactocele	Minimal
Nose	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Suppurative, Minimal
		Inflammation	Minimal
	Respirat Epith	Metaplasia	Squamous, Minimal
Ovary		Atrophy	Mild
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7199

TRT#: 4

SEX: Female

DAY ON TEST: 679

DOSE: 1 MG/M3 FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ADENOMA TGLs = 2-8	Pars Distalis	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-8			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-13			
Thyroid Gland	C Cell	Hyperplasia	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7200

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: 1 MG/M3 FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone Marrow	Esophagus	Heart
Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lung
Lymph Node - Bronchial	Lymph Node - Mandibular	Ovary	Pancreas
Skin	Spleen	Stomach - Glandular	Thymus
Urinary Bladder	Uterus		

MISSING

Clitoral Gland	Parathyroid Gland
----------------	-------------------

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Minimal
Bone		Fibrous Osteodystrophy	Mild
Brain		Hydrocephalus	Mild
[Hydrocephalus TGLS = 6-1]			
Clitoral Gl			
Note: RECHECKING WET TISSUE DID NOT FIND ANY CLITORAL GL.			
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Marked
Note: NEPHROPATHY TGLs = 4-5			
Liver		Basophilic Focus	Minimal
Note: I DO NOT SEE ANY LESIONS THAT COULD ACCOUNT FOR TGL 3.			
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 1-11			
Nose		Inflammation	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 5-8			
Salivary Glands	Duct	Hyperplasia	Mild
Stomach	Forestomach	Hyperplasia	Squamous, Moderate
	Forestomach	Inflammation	Mild
	Forestomach	Ulcer	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 7200

TRT#: 4

SEX: Female

DAY ON TEST: 731

DOSE: 1 MG/M3 FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: HYPERPLASIA TGLs = 7-8

Note: ULCER TGLs = 7-8

Thyroid Gland

C Cell

Hyperplasia

Minimal

Trachea

Inflammation

Suppurative, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8151

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 2 MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular	Mammary Gland
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

MISSING

Clitoral Gland	Esophagus
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INSUFFICIENT TISSUE

Lymph Node - Bronchial

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
Eye	Retina	Atrophy	Minimal
	Lens	Degeneration	Minimal
Harderian Gland		Inflammation	Suppurative, Minimal
Heart		Inflammation	Chronic, Mild
Intestine Small	Ileum	Hyperplasia	Lymphoid, Mild
Kidney		Nephropathy	Mild
Larynx		Inflammation	Suppurative, Minimal
Liver		Basophilic Focus	Minimal
		Inflammation	Granulomatous, Focal, Minimal
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
	Perivascular	Infiltration Cellular	Mononuclear CI, Mild
Nose	Respirat Epith	Hyperplasia	Mild
		Inflammation	Mild
		Inflammation	Suppurative, Minimal
Pituitary Gland	Respirat Epith	Metaplasia	Squamous, Moderate
Note: ADENOMA	Pars Distalis	Adenoma	
TGLs = 1-8			
Thyroid Gland	C Cell	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8151

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 2 MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8152

TRT#: 6

SEX: Female

DAY ON TEST: 258

DOSE: 2 MG/M3 FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Eye
Heart	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Lymph Node - Mandibular	Mammary Gland	Nose	Ovary
Pancreas	Parathyroid Gland	Pituitary Gland	Salivary Glands
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

MISSING

Intestine Large - Cecum

OBSERVATIONS

Kidney		Hydronephrosis	Mild
Liver		Basophilic Focus	Minimal
Lung	Perivascular	Infiltration Cellular	Mononuclear CI, Mild
Lymph Node	Bronchial	Hyperplasia	Mild
Skeletal Muscle		Schwannoma Malignant	
Note: [SCHWANNOMA MAL] TGLs = 1-11+12			
Note: SCHWANNOMA SIMILAR TO NEUROFIBROSARCOMA			
Skin		Inflammation	Suppurative, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8153

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 2 MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Clitoral Gland	Eye
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lymph Node - Bronchial
Ovary	Parathyroid Gland	Skin	Spleen
Stomach - Glandular	Thymus	Trachea	

MISSING

Adrenal Gland - Medulla	Esophagus	Urinary Bladder
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INSUFFICIENT TISSUE

Intestine Large - Cecum

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Hyperplasia	Moderate
Blood Vessel		Inflammation	Mild
Note: INTIMAL THICKENING IS ALSO PRESENT IN THAT VESSEL.			
Note: INFLAMMATION IS AROUND ORIGIN OF CORONARY ARTERY.			
Brain		Carcinoma	Metastatic (Pituitary Gland)
[Carcinoma TGLS = 4-1]			
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Mild
Liver		Inflammation	Granulomatous, Focal, Moderate
Lung	Alveolar Epith	Hyperplasia	Mild
		Inflammation	Chronic, Focal, Mild
		Metaplasia	Squamous, Minimal
Note: OF THE INFLAMMATION AND ALVEOLAR EPITHELIAL CHANGES			
Note: SITE OF METAPLASIA IS UNCLEAR. IS IN THE AREA			
Lymph Node	Mandibular	Hyperplasia	Mild
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 1-11			
Nose	Respirat Epith	Hyperplasia	Mild
		Inflammation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8153

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 2 MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas	Respirat Epith	Metaplasia	Squamous, Minimal
Pituitary Gland	Acinus	Atrophy	Moderate
[Carcinoma TGLS = 3-8]	Pars Distalis	Carcinoma	
Salivary Glands	Duct	Hyperplasia	Minimal
Stomach	Forestomach	Hyperplasia	Squamous, Mild
	Forestomach	Inflammation	Minimal
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus	Endometrium	Inflammation	Suppurative, Minimal
		Polyp Stromal	

Note: POLYP STROMAL TGLs = 2-12

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8154

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 2 MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Eye	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	Parathyroid Gland
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
	Cortex	Focal Cellular Change	Minimal
	Medulla	Hyperplasia	Minimal
Clitoral Gland		Inflammation	Suppurative, Mild
Note: INFLAMMATION TGLs = 2-7			
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Mild
		Inflammation	Granulomatous, Focal, Mild
Nose	Respirat Epith	Hyperplasia	Moderate
		Inflammation	Mild
		Inflammation	Suppurative, Minimal
	Respirat Epith	Metaplasia	Squamous, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Salivary Glands	Duct	Hyperplasia	Minimal
Spleen		Hyperplasia	Lymphoid, Mild
		Inflammation	Granulomatous, Focal, Mild
[Hyperplasia TGLS = 1-11]			
[Inflammation TGLS = 1-11]			
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8155

TRT#: 6

SEX: Female

DAY ON TEST: 700

DOSE: 2 MG/M3 FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Clitoral Gland	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Pancreas	Salivary Glands	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Hematopoietic Cell Proliferation	Minimal
	Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Eye		Leukemia Mononuclear	
Heart		Inflammation	Chronic, Moderate
Kidney		Leukemia Mononuclear	
		Nephropathy	Marked
Note: NEPHROPATHY TGLs = 7-5			
Lacrimal Gland	Acinus	Atrophy	Mild
Note: ATROPHY TGLs = 10-14			
Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
		Necrosis	Minimal
Note: LEUKEMIA MONUC TGLs = 6-4			
Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
Lymph Node	Bronchial	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
	Renal	Leukemia Mononuclear	
	Note: LEUKEMIA MONUC TGLs = 8-12		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8155

TRT#: 6

SEX: Female

DAY ON TEST: 700

DOSE: 2 MG/M3 FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LEUKEMIA MONUC	TGLs = 12-13			
Note: LEUKEMIA MONUC	TGLs = 9-3			
Mammary Gland			Fibroadenoma Leukemia Mononuclear	
Note: FIBROADENOMA	TGLs = 1-15			
Nose		Respirat Epith Nasolacrim Dct	Hyperplasia Inflammation Inflammation Inflammation	Mild Suppurative, Minimal Suppurative, Minimal
		Respirat Epith	Metaplasia Thrombosis	Mild Squamous, Mild
Ovary			Cyst Granulosa Cell Tumor Malignant Leukemia Mononuclear	Minimal
Note: CYST	TGLs = 5-7			
Parathyroid Gland			Hyperplasia	Minimal
Pituitary Gland		Pars Intermed Pars Distalis	Hyperplasia Leukemia Mononuclear	Moderate
Note: LITTLE PITUITARY LEFT IN BLOCK				
Note: DON'T THINK ABOVE DIAGNOSES ACCOUNT FOR TGL 11.				
Skin			Squamous Cell Papilloma	
Note: PAPILLOMA SQUA	TGLs = 2-11			
Spleen			Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-4, 4-4			
Thymus			Leukemia Mononuclear	
Thyroid Gland		C Cell	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8156

TRT#: 6

SEX: Female

DAY ON TEST: 700

DOSE: 2 MG/M3 FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Esophagus	Eye
Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Ovary
Skin	Spleen	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

INSUFFICIENT TISSUE

Lymph Node - Mandibular

OBSERVATIONS

Adrenal Gland	Cortex Medulla	Degeneration Hyperplasia Carcinoma	Fatty, Mild Minimal Metastatic (Pituitary Gland)
Brain		Adenoma	
Clitoral Gland		Inflammation	Chronic, Mild
Heart		Parasite Metazoan	
Intestine Large	Colon	Nephropathy	Moderate
Kidney		Degeneration	Fatty, Moderate
Liver		Inflammation	Granulomatous, Focal, Minimal
Lung	Alveolus Perivascular Mediastinum	Infiltration Cellular Infiltration Cellular Sarcoma	Histiocyte, Minimal Mononuclear CI, Mild
Note: SLIDE 2 BY THYMUS			
Note: SARCOMA USED FOR MESOTHELIOMA-LIKE LESION ON			
Lymph Node	Bronchial	Hyperplasia	Mild
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
Nose	Respirat Epith Nasolacrim Dct	Hyperplasia Inflammation Inflammation Inflammation	Mild Suppurative, Mild Suppurative, Minimal
Pancreas	Acinus	Atrophy	Mild Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8156	TRT#: 6	SEX: Female	DAY ON TEST: 700
	DOSE: 2 MG/M3 FEMALE	DISP: Moribund	HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Parathyroid Gland		Hyperplasia	Mild
Pituitary Gland	Pars Distalis	Carcinoma	
Note: CARCINOMA	TGLs = 3-8		
Salivary Glands	Duct	Hyperplasia	Mild
		Inflammation	Suppurative, Minimal
Stomach	Forestomach	Hyperplasia	Squamous, Moderate
	Forestomach	Inflammation	Moderate
	Forestomach	Ulcer	Minimal
Note: TO A CARCINOMA IN SITU			
Note: ONE SMALL FOCUS OF EPITHELIAL CHANGE IS SIMILAR			
[Hyperplasia TGLS = 4-8+12]			
Thyroid Gland	C Cell	Adenoma	
Uterus		Polyp Stromal	
Note: POLYP STROMAL	TGLs = 2-8		

PRIMARY CAUSE OF DEATH -

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8157

TRT#: 6

DOSE: 2 MG/M3 FEMALE

SEX: Female

DISP: Moribund

DAY ON TEST: 686

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Eye	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Thymus
Trachea	Urinary Bladder	Uterus	

MISSING

Lymph Node - Bronchial

OBSERVATIONS

Adrenal Gland	Cortex	Hematopoietic Cell Proliferation	Mild
	Cortex	Necrosis	Mild
Heart		Inflammation	Chronic, Minimal
Intestine Large	Cecum	Inflammation	Moderate
	Cecum	Ulcer	Moderate
Kidney		Nephropathy	Mild
Note: NEPHROPATHY	TGLs = 5-5		
Larynx		Inflammation	Suppurative, Minimal
Liver		Basophilic Focus	Minimal
		Degeneration	Fatty, Mild
		Hematopoietic Cell Proliferation	Mild
Note: DEGEN	TGLs = 4-4		
Lung		Infiltration Cellular	Mixed Cell, Minimal
	Bronchus	Mineralization	Mild
Mammary Gland		Adenoma	
		Fibroadenoma	
Note: ADENOMA IS MARKEDLY CYSTIC			
[Adenoma TGLS = 2-11]			
[Fibroadenoma TGLS = 1-12+13]			
Nose	Respirat Epith	Hyperplasia	Moderate
		Inflammation	Suppurative, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8157

TRT#: 6

SEX: Female

DAY ON TEST: 686

DOSE: 2 MG/M3 FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland	Pars Distalis	Inflammation	Mild
Note: ADENOMA TGLs = 6-8		Adenoma	
Spleen		Hematopoietic Cell Proliferation	Moderate
Stomach	Forestomach	Hyperplasia	Squamous, Mild
	Forestomach	Inflammation	Mild
	Glandular	Mineralization	Mild
	Forestomach	Ulcer	Mild
[Hyperplasia TGLS = 8-8]			
[Inflammation TGLS = 7-8]			
Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8158

TRT#: 6

SEX: Female

DAY ON TEST: 705

DOSE: 2 MG/M3 FEMALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Esophagus	Larynx	Lymph Node - Bronchial
Lymph Node - Mandibular	Ovary	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Uterus			

MISSING

Clitoral Gland

AUTO PRECLUDES DIAG.

Adrenal Gland - Cortex	Bone Marrow	Eye	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Pancreas	Thyroid Gland
Trachea			

OBSERVATIONS

Adrenal Gland	Medulla	Pheochromocytoma Benign	
Note: PHEOCHROMOCYTOMA			
Note: ALTHOUGH AUTOLYTIC PATTERN IS CONSISTENT WITH			
Brain		Carcinoma	Metastatic (Pituitary Gland)
[Carcinoma TGLS = 4-1]			
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Minimal
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-4			
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-3			
Mammary Gland		Leukemia Mononuclear	
Nose	Respirat Epith	Metaplasia	Squamous, Mild
Note: IS SEVERE AUTOLYSIS OBSCURING OTHER DIAGNOSES			
Note: ONE CAN SEE SQUAMOUS METAPLASIA EVENTHOUGH THERE			
Pituitary Gland	Pars Distalis	Carcinoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8158

TRT#: 6

SEX: Female

DAY ON TEST: 705

DOSE: 2 MG/M3 FEMALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: ALTHOUGH AUTOLYTIC, TUMOR PATTERN AND BRAIN LESION

Note: CAN ALLOW THIS DIAGNOSIS.

Spleen

Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 1-4

Urinary Bladder

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8159

TRT#: 6

SEX: Female

DAY ON TEST: 477

DOSE: 2 MG/M3 FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Eye	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Liver	Lymph Node - Bronchial	Lymph Node - Mandibular
Ovary	Parathyroid Gland	Pituitary Gland	Salivary Glands
Spleen	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Clitoral Gland	Intestine Large - Cecum
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OBSERVATIONS

Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Minimal
Larynx		Inflammation	Suppurative, Minimal
Lung	Perivascular	Infiltration Cellular	Mononuclear CI, Minimal
Mammary Gland		Hyperplasia	Minimal
Nose	Respirat Epith	Hyperplasia	Minimal
	Respirat Epith	Metaplasia	Squamous, Minimal
Pancreas	Acinus	Atrophy	Minimal
Skin		Inflammation	Suppurative, Mild
Stomach	Forestomach	Hyperplasia	Squamous, Mild
	Forestomach	Inflammation	Mild
	Forestomach	Ulcer	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8160

TRT#: 6

SEX: Female

DAY ON TEST: 523

DOSE: 2 MG/M3 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	Lymph Node - Mandibular	Mammary Gland
Pancreas	Salivary Glands	Skin	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

MISSING

Clitoral Gland	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Moderate
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Brain		Carcinoma	Metastatic (Pituitary Gland)
		Leukemia Mononuclear	
Eye		Leukemia Mononuclear	
Harderian Gland		Inflammation	Suppurative, Minimal
Heart		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Larynx		Inflammation	Suppurative, Minimal
Liver		Degeneration	Fatty, Minimal
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-4		
Lung		Leukemia Mononuclear	
Lymph Node	Bronchial	Leukemia Mononuclear	
Mesentery	Fat	Inflammation	Chronic, Minimal
Nose	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Minimal
		Inflammation	Suppurative, Minimal
Ovary		Atrophy	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8160

TRT#: 6

SEX: Female

DAY ON TEST: 523

DOSE: 2 MG/M3 FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland Note: CARCINOMA TGLs = 2-8	Pars Distalis	Carcinoma	
Spleen Note: LEUKEMIA MONUC TGLs = 1-4		Leukemia Mononuclear	
Stomach	Forestomach	Hyperplasia	Squamous, Moderate
	Forestomach	Inflammation	Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8161

TRT#: 6

SEX: Female

DAY ON TEST: 610

DOSE: 2 MG/M3 FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Eye	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Bronchial	Ovary	Pancreas
Parathyroid Gland	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Clitoral Gland		Inflammation	Suppurative, Minimal
Heart		Inflammation	Chronic, Minimal
Intestine Small	Ileum	Hyperplasia	Lymphoid, Mild
Kidney		Nephropathy	Moderate
Larynx		Inflammation	Suppurative, Mild
		Metaplasia	Squamous, Mild
Liver		Basophilic Focus	Minimal
		Hematopoietic Cell Proliferation	Mild
		Inflammation	Granulomatous, Focal, Minimal
Lung	Perivascular	Infiltration Cellular	Mononuclear CI, Minimal
Lymph Node	Mandibular	Hyperplasia	Mild
Mammary Gland		Hyperplasia	Mild
Nose		Foreign Body	Minimal
		Inflammation	Minimal
		Inflammation	Suppurative, Minimal

Note: ADHESION IN MOST POSTERIOR NASAL SECTION.

Note: SMALL FOCUS OF GRANULATION TISSUE AND TURBINATE

Pituitary Gland	Pars Distalis	Adenoma	
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Note: [ADENOMA] TGLs = 1-8

Salivary Glands	Duct	Hyperplasia	Minimal
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8162

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 2 MG/M3 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 Small - Duodenum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Mandibular	Ovary	Pancreas
Parathyroid Gland	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder

MISSING

Lymph Node - Bronchial

OBSERVATIONS

Eye	Retina	Atrophy	Marked
	Lens	Degeneration	Marked
	Lens	Mineralization	Mild
		Synechia	Moderate
[Degeneration TGLS = 1-11]			
Intestine Large	Rectum	Parasite Metazoan	
Intestine Small	Ileum	Hyperplasia	Lymphoid, Mild
Kidney		Nephropathy	Mild
Larynx		Inflammation	Suppurative, Mild
Liver		Basophilic Focus	Minimal
		Inflammation	Granulomatous, Focal, Mild
		Leukocytosis	Mild
Lung	Alveolar Epith	Hyperplasia	Mild
Mammary Gland		Galactocele	Mild
		Hyperplasia	Mild
Nose	Respirat Epith	Hyperplasia	Mild
		Inflammation	Mild
		Inflammation	Suppurative, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 2-8			
Salivary Glands	Duct	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8162

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 2 MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland

C Cell

Inflammation

Suppurative, Minimal

Uterus

Hyperplasia

Marked

Polyp Stromal

Note: POLYP STROMAL TGLs = 3-8

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8163

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 2 MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Bronchial	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Hyperplasia	Minimal
	Medulla	Hyperplasia	Mild
Eye	Retina	Atrophy	Minimal
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Moderate
Larynx		Inflammation	Suppurative, Minimal
Liver		Basophilic Focus	Mild
		Inflammation	Granulomatous, Focal, Minimal
Lung	Alveolar Epith	Hyperplasia	Mild
[Hyperplasia TGLS = 4-11]			
Lymph Node	Mandibular	Hyperplasia	Mild
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-12+13]			
Nose	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Mild
		Inflammation	Suppurative, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 2-8			
Thyroid Gland	C Cell	Hyperplasia	Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8164

TRT#: 6

SEX: Female

DAY ON TEST: 682

DOSE: 2 MG/M3 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	Islets, Pancreatic	Larynx
Lymph Node - Bronchial	Mammary Gland	Ovary	Pancreas
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

MISSING

Parathyroid Gland

AUTO PRECLUDES DIAG.

Intestine Small - Jejunum

Thyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Hematopoietic Cell Proliferation	Mild
	Cortex	Hyperplasia	Mild
Eye	Retina	Atrophy	Minimal
Heart		Inflammation	Chronic, Mild
Intestine Large	Cecum	Parasite Metazoan	
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Minimal
	Bile Duct	Hepatodiaphragmatic Nodule	
		Hyperplasia	Minimal
		Leukemia Mononuclear	
[Hepatodiaphragmatic Nodule TGLS = 1-11]			
Lung		Hemorrhage	Marked
	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Inflammation	Chronic, Diffuse, Moderate
		Pigmentation	Hemosiderin, Mild
Lymph Node	Mandibular	Hyperplasia	Mild
Nose	Respirat Epith	Hyperplasia	Mild
	Vomeronas Org	Inflammation	Suppurative, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8164

TRT#: 6

SEX: Female

DAY ON TEST: 682

DOSE: 2 MG/M3 FEMALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Suppurative, Minimal
		Inflammation	Mild
	Respirat Epith	Metaplasia	Squamous, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Spleen		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8165

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 2 MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Eye	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lymph Node - Bronchial
Lymph Node - Mandibular	Ovary	Parathyroid Gland	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Focal Cellular Change	Moderate
	Cortex	Hematopoietic Cell Proliferation	Minimal
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Minimal
		Inflammation	Granulomatous, Focal, Minimal
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Minimal
Nose	Respirat Epith	Hyperplasia	Mild
		Inflammation	Mild
Pancreas		Inflammation	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 1-8]			
Salivary Glands	Duct	Hyperplasia	Minimal
Spleen		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Mild
Trachea	Epithelium	Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8166

TRT#: 6

SEX: Female

DAY ON TEST: 682

DOSE: 2 MG/M3 FEMALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Esophagus
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Islets, Pancreatic
Larynx	Lymph Node - Bronchial	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

MISSING

Clitoral Gland	Parathyroid Gland
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AUTO PRECLUDES DIAG.

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

Adrenal Gland	Cortex	Carcinoma	
Brain		Hemorrhage	Moderate
Eye	Lens	Degeneration	Mild
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Minimal
Liver		Angiectasis	Mild
		Basophilic Focus	Minimal
		Inflammation	Granulomatous, Focal, Mild
		Leukocytosis	Mild
Lung		Carcinoma	Metastatic (Adrenal Gland)
Lymph Node	Mandibular	Hyperplasia	Mild
	Mesenteric	Inflammation	Granulomatous, Mild
Note: INFLAMMATION TGLs = 3-11			
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-12+13+14+15]			
Nose	Respirat Epith	Hyperplasia	Minimal
	Vomeronas Org	Inflammation	Suppurative, Minimal
		Inflammation	Suppurative, Minimal
		Inflammation	Minimal
	Respirat Epith	Metaplasia	Squamous, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8166

TRT#: 6

SEX: Female

DAY ON TEST: 682

DOSE: 2 MG/M3 FEMALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Ovary		Atrophy	Moderate
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 2-8		
Salivary Glands	Duct	Hyperplasia	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8167

TRT#: 6

SEX: Female

DAY ON TEST: 514

DOSE: 2 MG/M3 FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Clitoral Gland	Esophagus
Eye	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Jejunum	Mammary Gland	Parathyroid Gland
Salivary Glands	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

MISSING

Intestine Small - Ileum	Islets, Pancreatic
-------------------------	--------------------

INSUFFICIENT TISSUE

Pancreas

OBSERVATIONS

Adrenal Gland	Cortex	Hematopoietic Cell Proliferation	Minimal
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Brain		Hemorrhage	Mild
		Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Larynx		Inflammation	Suppurative, Minimal
Liver		Degeneration	Fatty, Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4-4		
Lung		Leukemia Mononuclear	
Lymph Node	Bronchial	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Note: [LEUKEMIA MONUC]	TGLs = 1-7		
Nose	Olfactory Epi	Degeneration	Minimal
		Inflammation	Minimal
		Inflammation	Suppurative, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8167

TRT#: 6

SEX: Female

DAY ON TEST: 514

DOSE: 2 MG/M3 FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Ovary	Olfactory Epi	Metaplasia	Minimal
Pituitary Gland	Pars Distalis	Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 6-8		Leukemia Mononuclear	
Skin	Subcut Tiss, Thoracic, Ventral	Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 2,3-4			
Stomach	Glandular	Erosion	Marked
	Glandular	Inflammation	Mild
	Forestomach	Leukemia Mononuclear	
Note: [LEUKEMIA MONUC] TGLs = 8-8			
Note: EROSION TGLs = 7-8			
Thymus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8168

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 2 MG/M3 FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Eye	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Parathyroid Gland	Trachea	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Moderate
	Medulla	Hyperplasia	Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Clitoral Gland Harderian Gland		Inflammation	Chronic, Mild
		Inflammation	Suppurative, Minimal
		Metaplasia	Squamous, Minimal
Heart Kidney		Leukemia Mononuclear	
		Leukemia Mononuclear	
Larynx Liver		Nephropathy	Minimal
		Inflammation	Suppurative, Mild
		Basophilic Focus	Minimal
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
Lung		Necrosis	Minimal
	Bronchus, Epithelium	Hyperplasia	Mild
		Pleura	Hyperplasia
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Bronchial	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
		Leukemia Mononuclear	

Note: SPLEEN AND BASIC PATTERN FITS MONONUCLEAR CELL LEUK

Note: BUT CELL TYPE IS THE SAME AS IN THE LIVER AND

Note: BRONCHIAL LYMPHNODE MASS IS UNUSUALLY LARGE

Note: LEUKEMIA MONUC TGLs = 4-3+11

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8168

TRT#: 6

SEX: Female

DAY ON TEST: 731

DOSE: 2 MG/M3 FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Mammary Gland		Fibroadenoma	
		Leukemia Mononuclear	
[Fibroadenoma TGLS = 1-12]			
Nose	Respirat Epith	Hyperplasia	Mild
	Vomeronas Org	Inflammation	Suppurative, Minimal
		Inflammation	Suppurative, Minimal
		Inflammation	Mild
	Respirat Epith	Metaplasia	Squamous, Marked
		Thrombosis	Moderate
Ovary		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-7		
Pancreas	Acinus	Atrophy	Mild
		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Salivary Glands	Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
Skin	Subcut Tiss, Thoracic, Ventral	Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 3-4		
Stomach	Forestomach	Leukemia Mononuclear	
	Glandular	Leukemia Mononuclear	
Thymus		Leukemia Mononuclear	
Thyroid Gland	C Cell	Adenoma	
Uterus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8169

TRT#: 6

SEX: Female

DAY ON TEST: 512

DOSE: 2 MG/M3 FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Eye
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	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

MISSING

Intestine Large - Cecum

OBSERVATIONS

Kidney		Nephropathy	Moderate
Liver		Basophilic Focus	Minimal
		Degeneration	Fatty, Minimal
		Inflammation	Granulomatous, Focal, Minimal
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
Nose		Inflammation	Suppurative, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 2-8			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8170

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 2 MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Eye	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Pancreas	Parathyroid Gland
Skin	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Lymph Node - Bronchial

OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
	Cortex	Degeneration	Fatty, Minimal
	Medulla	Pheochromocytoma Benign	
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 7-5		
Larynx		Inflammation	Suppurative, Minimal
Liver		Basophilic Focus	Mild
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Granulomatous, Focal, Mild
Lymph Node	Mandibular	Hyperplasia	Mild
Mammary Gland		Fibroadenoma	Multiple
Note: TGL 5 HAS MORE GLANDULAR AND MARKEDLY CYSTIC.			
Note: TGL 4 IS VERY FIBROUS WITH FEW MAMMARY ACINI.			
Note: FIBROADENOMA	TGLs = 4,5-13+14+15+16		
Nose	Respirat Epith	Hyperplasia	Moderate
	Nasolacrim Dct	Inflammation	Suppurative, Mild
		Inflammation	Moderate
		Inflammation	Suppurative, Minimal
	Respirat Epith	Metaplasia	Squamous, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8170

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 2 MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Ovary		Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 6-8			
Salivary Glands	Duct	Hyperplasia	Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
Stomach	Forestomach	Hyperplasia	Squamous, Mild
	Forestomach	Inflammation	Marked
	Glandular	Inflammation	Minimal
	Forestomach	Ulcer	Marked
[Inflammation TGLS = 2-12]			
Uterus	Endometrium	Cyst	
Note: CYST TGLs = 1-8			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8171

TRT#: 6

SEX: Female

DAY ON TEST: 612

DOSE: 2 MG/M3 FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Eye	Heart	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Bronchial	Lymph Node - Mandibular
Ovary	Pancreas	Parathyroid Gland	Pituitary Gland
Salivary Glands	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

MISSING

Clitoral Gland	Skin
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OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Hematopoietic Cell Proliferation	Minimal
Intestine Large	Cecum	Parasite Metazoan	
Kidney		Nephropathy	Minimal
Larynx		Inflammation	Suppurative, Mild
		Metaplasia	Squamous, Minimal
Liver		Basophilic Focus	Minimal
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
Nose	Respirat Epith	Hyperplasia	Mild
		Inflammation	Mild
	Respirat Epith	Metaplasia	Squamous, Minimal
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8172

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 2 MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Eye	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
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

MISSING

Lymph Node - Bronchial

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
Clitoral Gland		Adenoma	Multiple
Note: ADENOMA	TGLs = 1-3		
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Moderate
		Leukocytosis	Mild
Note: [BASOPH FOCUS]	TGLs = 4-4		
Lung		Alveolar/Bronchiolar Carcinoma	
	[Alveolar/Bronchiolar Carcinoma TGLS = 2-3]		
Mammary Gland		Hyperplasia	Mild
Nose	Respirat Epith	Hyperplasia	Mild
		Inflammation	Suppurative, Minimal
		Inflammation	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA]	TGLs = 3-8		
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8173

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 2 MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Eye	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Bronchial
Ovary	Pancreas	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Mild
Harderian Gland		Inflammation	Suppurative, Minimal
Heart		Inflammation	Chronic, Mild
Intestine Large	Cecum	Parasite Metazoan	
	Colon	Parasite Metazoan	
Kidney		Nephropathy	Moderate
	Note: NEPHROPATHY TGLs = 1-5		
Larynx		Hyperplasia	Minimal
		Inflammation	Suppurative, Minimal
Liver		Inflammation	Granulomatous, Focal, Minimal
Lung	Alveolar Epith	Hyperplasia	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Focal, Minimal
Lymph Node	Mandibular	Hyperplasia	Mild
Mammary Gland		Hyperplasia	Minimal
Nose	Respirat Epith	Hyperplasia	Mild
		Inflammation	Suppurative, Minimal
		Inflammation	Mild
	Respirat Epith	Metaplasia	Squamous, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8173

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 2 MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland

Pars Distalis

Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8174

TRT#: 6

SEX: Female

DAY ON TEST: 490

DOSE: 2 MG/M3 FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Eye
Heart	Intestine Large - Rectum	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
Thyroid Gland	Trachea	Urinary Bladder	Uterus

MISSING

Intestine Large - Cecum	Intestine Small - Duodenum
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OBSERVATIONS

Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Minimal
Lung	Perivascular	Infiltration Cellular	Mononuclear CI, Mild
Lymph Node	Mandibular	Hyperplasia	Moderate
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 1-11			
Nose	Respirat Epith	Hyperplasia	Minimal
	Respirat Epith	Metaplasia	Squamous, Mild
Pituitary Gland	Pars Distalis	Degeneration	Cystic, Mild
	Pars Distalis	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8175

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 2 MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Lymph Node - Bronchial	Mammary Gland
Ovary	Parathyroid Gland	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Trachea	Urinary Bladder
Uterus			

MISSING

Intestine Large - Rectum

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
	Cortex	Hyperplasia	Mild
Eye	Retina	Atrophy	Minimal
Harderian Gland		Metaplasia	Squamous, Minimal
Heart		Inflammation	Chronic, Mild
Intestine Large	Cecum	Leiomyoma	
Note: LEIOMYOMA	TGLs = 4-12		
Islets, Pancreatic		Carcinoma	
Note: TUMOR CELLS ARE FOUND IN THE FIBROUS CAPSULE AND			
Note: OUTSIDE THE CAPSULE. TUMOR IS WELL DIFFERENCIATED.			
Note: CARCINOMA	TGLs = 5-11		
Kidney		Nephropathy	Mild
Larynx		Inflammation	Suppurative, Minimal
Liver		Basophilic Focus	Mild
	Bile Duct	Hyperplasia	Mild
		Inflammation	Granulomatous, Focal, Moderate
		Leukemia Mononuclear	
		Necrosis	Minimal
Note: LEUKEMIA MONUC	TGLs = 2-4		
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8175

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 2 MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Nose	Respirat Epith	Hyperplasia Inflammation Inflammation	Moderate Mild Suppurative, Minimal
	Respirat Epith	Metaplasia	Squamous, Mild
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Note: I AM NOT CONVINCED THE PITUITARY LESION ACCOUNTS			
Note: FOR TGL 3. NOT MUCH TISSUE LEFT IN BLOCK.			
Salivary Glands	Duct	Hyperplasia Inflammation	Minimal Suppurative, Minimal
Skin	Subcut Tiss, Thoracic, Ventral	Leukemia Mononuclear	
Spleen		Fibrosis Leukemia Mononuclear	Minimal

Note: LEUKEMIA MONUC TGLs = 1-4+11

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8176

TRT#: 6

SEX: Female

DAY ON TEST: 716

DOSE: 2 MG/M3 FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain	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
Ovary	Pituitary Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Parathyroid Gland

INSUFFICIENT TISSUE

Bone Marrow

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
	Medulla	Hyperplasia	Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-5			
Bone		Osteopetrosis	Marked
Bone Marrow			
Note: EXCESS TRABECULAR BONE LEFT LITTLE ROOM FOR MARROW			
Eye	Retina	Atrophy	Moderate
	Lens	Degeneration	Mild
	Lens	Mineralization	Minimal
Note: COMPOSITE OF CHANGES PROBABLY RESULTED IN TGL 5 [Degeneration TGLS = 5-11]			
Heart		Leukemia Mononuclear	
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Minimal
		Degeneration	Fatty, Minimal
		Leukemia Mononuclear	
		Necrosis	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8176

TRT#: 6

SEX: Female

DAY ON TEST: 716

DOSE: 2 MG/M3 FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LEUKEMIA MONUC TGLs = 3-4		Pigmentation	Hemosiderin, Mild
Lung		Leukemia Mononuclear	
Lymph Node	Bronchial	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-7			
Nose	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Suppurative, Minimal
		Inflammation	Minimal
	Olfactory Epi	Metaplasia	Mild
	Respirat Epith	Metaplasia	Squamous, Mild
Pancreas	Acinus	Atrophy	Minimal
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-4			
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8177

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 2 MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	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	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Urinary Bladder		

MISSING

Intestine Large - Rectum

OBSERVATIONS

Eye	Retina	Atrophy	Marked
	Lens	Degeneration	Moderate
	Lens	Mineralization	Moderate
		Synechia	Marked
Note: COMPOSITE OF LESIONS RESULTED IN TGL 3.			
Note: ATROPHY TGLs = 3-11			
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 2-5			
Liver		Angiectasis	Mild
		Basophilic Focus	Mild
Lung		Inflammation	Chronic, Focal, Minimal
Nose	Respirat Epith	Hyperplasia	Mild
	Nasolacrim Dct	Inflammation	Suppurative, Mild
		Inflammation	Suppurative, Minimal
		Inflammation	Mild
	Respirat Epith	Metaplasia	Squamous, Minimal
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 4,5-8			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8177

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 2 MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland

C Cell

Hyperplasia

Mild

Trachea

Inflammation

Suppurative, Minimal

Uterus

Adenocarcinoma

Note: ADENOCARC TGLs = 1-8+12

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8178

TRT#: 6

SEX: Female

DAY ON TEST: 497

DOSE: 2 MG/M3 FEMALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Esophagus	Heart
Mammary Gland	Parathyroid Gland	Skin	Stomach - Forestomach

MISSING

Clitoral Gland	Intestine Large - Cecum
----------------	-------------------------

AUTO PRECLUDES DIAG.

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone Marrow	Eye
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Kidney	Larynx
Liver	Lung	Lymph Node - Bronchial	Lymph Node - Mandibular
Nose	Ovary	Pancreas	Pituitary Gland
Salivary Glands	Spleen	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Pituitary Gl
Note: THE PITUITARY ALMOST CERTAINLY HAS A TUMOR BUT
Note: AUTOLYSIS IS TOO SEVERE TO COMFORTABLY CALL.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8179

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 2 MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Clitoral Gland
Esophagus	Eye	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
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Cortex	Hypertrophy	Mild
Brain		Carcinoma	Metastatic (Pituitary Gland)
		Glioma Benign	
Note: TINY EARLY GLIOMA IN CEREBRAL CORTEX.			
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Mild
		Inflammation	Granulomatous, Focal, Mild
Lung	Perivascular	Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic, Focal, Minimal
Lymph Node	Mandibular	Hyperplasia	Moderate
Note: HYPERPLASIA TGLs = 2-7			
Mammary Gland		Galactocele	Minimal
		Hyperplasia	Minimal
Nose	Respirat Epith	Hyperplasia	Moderate
		Inflammation	Suppurative, Minimal
		Inflammation	Mild
	Respirat Epith	Metaplasia	Squamous, Minimal
Pancreas	Acinus	Adenoma	
Note: TUMOR IS ON SLIDE 6 NEXT TO DUODENAL SECTION.			
Pituitary Gland	Pars Distalis	Carcinoma	
Note: CARCINOMA TGLs = 1-8			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8179

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 2 MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8180

TRT#: 6

SEX: Female

DAY ON TEST: 575

DOSE: 2 MG/M3 FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Eye	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lymph Node - Bronchial
Mammary Gland	Nose	Ovary	Pancreas
Pituitary Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thyroid Gland	Trachea

MISSING

Parathyroid Gland	Thymus
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INSUFFICIENT TISSUE

Lymph Node - Mandibular

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Sarcoma	Metastatic (Uterus)
Heart		Inflammation	Chronic, Minimal
Kidney	Papilla	Hydronephrosis	Mild
		Necrosis	Moderate
	Capsule	Nephropathy	Minimal
		Sarcoma	Metastatic (Uterus)
Note: HYDRONEPHROSIS TGLs = 5,6-5			
Liver		Hepatodiaphragmatic Nodule	
Note: TGL 4 APPEARS TO BE LIVER HERNIATED THRU DIAPHRAM			
Note: ANOM HEPAT LOB TGLs = 4-4			
Lung		Sarcoma	Metastatic (Uterus)
Note: SARCOMA TGLs = 7-3+11			
Urinary Bladder	Transit Epithe	Hyperplasia	Mild
		Inflammation	Chronic, Moderate
Note: INFLAMMATION TGLs = 1-8			
Uterus		Sarcoma Stromal	
Note: SARC STROMAL TGLs = 2,3-12+13			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8180

TRT#: 6

SEX: Female

DAY ON TEST: 575

DOSE: 2 MG/M3 FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: UTERINE SARCOMA IS NOT "TYPICAL" OF STROMAL SARCOMA

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8181

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 2 MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Lymph Node - Bronchial	Pancreas	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder		

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
	Cortex	Hyperplasia	Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Eye		Leukemia Mononuclear	
Heart		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Liver		Basophilic Focus	Minimal
		Leukemia Mononuclear	
Lung	Alveolar Epith	Hyperplasia	Moderate
	Bronchiole, Epithelium	Hyperplasia	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Moderate
		Inflammation	Chronic, Focal, Moderate
		Leukemia Mononuclear	
Note: INFLAMMATION TGLs = 3-3			
Lymph Node	Mandibular	Hyperplasia	Mild
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 2-12+13]			
Nose	Respirat Epith	Hyperplasia	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8181

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 2 MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Ovary		Inflammation	Minimal
Pituitary Gland	Pars Distalis	Inflammation	Suppurative, Minimal
Note: ADENOMA	TGLs = 4-8	Leukemia Mononuclear	
		Adenoma	
Spleen		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus		Polyp Stromal	
[Polyp Stromal TGLS = 1-11]			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8182

TRT#: 6

SEX: Female

DAY ON TEST: 675

DOSE: 2 MG/M3 FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Clitoral Gland	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Parathyroid Gland
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

MISSING

Lymph Node - Bronchial

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Mild
	Cortex	Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Eye		Leukemia Mononuclear	
Heart		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
Kidney		Nephropathy	Mild
Larynx	Epithelium	Hyperplasia	Minimal
		Inflammation	Suppurative, Minimal
Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
		Necrosis	Minimal
Note: LEUKEMIA MONUC TGLs = 3-4			
Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Leukemia Mononuclear	
		Pigmentation	Hemosiderin, Mild
Note: LEUKEMIA MONUC TGLs = 2-3			
Lymph Node	Mandibular	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Minimal
		Inflammation	Suppurative, Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8182

TRT#: 6

SEX: Female

DAY ON TEST: 675

DOSE: 2 MG/M3 FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Nose	Respirat Epith	Hyperplasia	Mild
		Inflammation	Mild
	Olfactory Epi	Metaplasia	Minimal
	Respirat Epith	Metaplasia	Squamous, Mild
		Thrombosis	Mild
Ovary		Atrophy	Mild
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Leukemia Mononuclear	
Note: ADENOMA	TGLs = 1-8		
Salivary Glands	Duct	Hyperplasia	Minimal
Spleen		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8183

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 2 MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Larynx	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Skin
Stomach - Forestomach	Stomach - Glandular	Trachea	Urinary Bladder
Uterus			

MISSING

Esophagus	Islets, Pancreatic	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
	Cortex	Hematopoietic Cell Proliferation	Minimal
	Cortex	Hyperplasia	Mild
Clitoral Gland		Inflammation	Suppurative, Mild
Eye		Leukemia Mononuclear	
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Moderate
Liver		Basophilic Focus	Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-4			
Lung		Inflammation	Chronic, Focal, Minimal
		Leukemia Mononuclear	
Lymph Node	Bronchial	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
Mammary Gland		Adenocarcinoma	
		Fibroadenoma	
[Adenocarcinoma TGLS = 1-12]			
[Fibroadenoma TGLS = 1-11]			
Nose	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Minimal
Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8183

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 2 MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [ADENOMA] TGLs = 3-8

Spleen

Leukemia Mononuclear

Thyroid Gland

C Cell

Hyperplasia

Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8184

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 2 MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Eye	Intestine Large - Cecum
Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lung	Lymph Node - Bronchial	Lymph Node - Mandibular
Ovary	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder	Uterus	

INSUFFICIENT TISSUE

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Hyperplasia	Moderate
Blood Vessel		Inflammation	Moderate
Note: PROLIFERATION.			
Note: THE CORONARY ARTERY ALSO HAS MODERATE INTIMAL			
Heart		Inflammation	Chronic, Mild
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Nephropathy	Moderate
Larynx		Inflammation	Suppurative, Minimal
Liver		Angiectasis	Minimal
Mammary Gland		Hyperplasia	Minimal
Nose		Inflammation	Mild
		Inflammation	Suppurative, Minimal
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: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8185

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 2 MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Eye	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Bronchial	Lymph Node - Mandibular	Ovary
Pancreas	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Urinary Bladder
Uterus			

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
	Cortex	Degeneration	Fatty, Mild
	Medulla	Hyperplasia	Minimal
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 6-5		
Larynx		Inflammation	Suppurative, Minimal
Liver		Basophilic Focus	Minimal
		Inflammation	Granulomatous, Focal, Minimal
		Necrosis	Mild
Note: NECROSIS	TGLs = 5-4		
Note: BENEATH THE LIVER CAPSULE.			
Note: TGL 5 APPEARS TO BE AN OLD AREA OF NECROSIS			
Lung		Inflammation	Chronic, Focal, Minimal
Mammary Gland		Fibroadenoma	Multiple
Note: FIBROADENOMA	TGLs = 1,2-12+13+14+15		
Nose	Respirat Epith	Hyperplasia	Moderate
		Inflammation	Mild
		Inflammation	Suppurative, Minimal
Pituitary Gland	Pars Distalis	Degeneration	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8185

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 2 MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Pars Distalis

Hyperplasia

Moderate

Note: THE CYSTIC DEGENERATIVE AREA IS FULL OF RED BLOOD CELLS

[Hyperplasia TGLS = 4-8]

Thyroid Gland

C Cell

Adenoma

Tongue

Squamous Cell Papilloma

Note: PAPILLOMA SQUA TGLs = 3-11

Trachea

Inflammation

Suppurative, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8186

TRT#: 6

SEX: Female

DAY ON TEST: 505

DOSE: 2 MG/M3 FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Clitoral Gland	Esophagus
Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Pancreas	Parathyroid Gland	Salivary Glands
Skin	Stomach - Glandular	Thymus	Thyroid Gland
Urinary Bladder	Uterus		

MISSING

Intestine Large - Cecum

INSUFFICIENT TISSUE

Intestine Large - Rectum

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Moderate
	Medulla	Hyperplasia	Mild
Bone Marrow		Leukemia Mononuclear	
Eye		Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Kidney		Nephropathy	Mild
Larynx		Inflammation	Suppurative, Minimal
Liver		Degeneration	Fatty, Moderate
		Hematopoietic Cell Proliferation	Mild
		Leukemia Mononuclear	

Note: CELL LEUKEMIA, HOWEVER, ON HIGH POWER THE
 Note: ON LOW POWER THE LESION APPEARS TO BE MONONUCLEAR
 Note: [LEUKEMIA MONUC] TGLs = 3-4
 Note: DEGEN TGLs = 3-4
 Note: NEOPLASTIC CELLS APPEAR HISTIOCYTIC. IN ADDITION
 Note: THERE APPEARS TO BE A HEMATOPOIETIC RESPONSE.

Lung Leukemia Mononuclear
 Note: A MULTI-LAYER OF FOAMY MONONUCLEAR CELLS ON THE
 Note: INTIMAL SURFACE.
 Note: THE MEDIUM AND LARGE VESSELS OF THE LUNG CONTAIN

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8186

TRT#: 6

SEX: Female

DAY ON TEST: 505

DOSE: 2 MG/M3 FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node	Bronchial	Hematopoietic Cell Proliferation	Minimal
	Mandibular	Hematopoietic Cell Proliferation	Mild
	Mandibular	Hyperplasia	Mild
	Bronchial	Leukemia Mononuclear	
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-12]			
Mesentery	Fat	Necrosis	Mild
Nose	Respirat Epith	Hyperplasia	Moderate
		Inflammation	Mild
		Inflammation	Suppurative, Minimal
Ovary	Respirat Epith	Metaplasia	Squamous, Mild
		Infiltration Cellular	Mixed Cell, Minimal
		Leukemia Mononuclear	
Note: AVAILABLE)			
Note: MIXED CELL CELLULAR INFILTRATE IS EMHP (TERM NOT			
Pituitary Gland	Pars Distalis	Hyperplasia	Marked
Note: [HYPERPLASIA] TGLs = 4-8			
Spleen		Leukemia Mononuclear	
Note: ON LOW POWER THE SPLEEN APPEARS TO BE MONONUCLEAR			
Note: CELL LEUKEMIA, HOWEVER, ON HIGH POWER THE CELLS			
Note: APPEAR HISTIOCYTIC.			
Note: [LEUKEMIA MONUC] TGLs = 2-11			
Stomach	Forestomach	Hyperplasia	Squamous, Mild
	Forestomach	Inflammation	Mild
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8187

TRT#: 6

SEX: Female

DAY ON TEST: 610

DOSE: 2 MG/M3 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 Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Ovary
Parathyroid Gland	Salivary Glands	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

MISSING

Clitoral Gland	Intestine Large - Rectum	Lymph Node - Bronchial	Skin
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OBSERVATIONS

Adrenal Gland	Cortex	Focal Cellular Change	Mild
Eye	Retina	Atrophy	Minimal
	Lens	Degeneration	Minimal
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Minimal
Larynx		Hyperplasia	Minimal
		Inflammation	Suppurative, Minimal
Liver		Basophilic Focus	Minimal
Lung	Perivascular	Infiltration Cellular	Mononuclear CI, Minimal
Lymph Node	Mandibular	Hyperplasia	Mild
Mammary Gland		Fibroadenoma	
	[Fibroadenoma TGLS = 1-11]		
Nose		Inflammation	Suppurative, Minimal
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	[Adenoma TGLS = 2-8]		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8188

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 2 MG/M3 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	Lung	Ovary	Parathyroid Gland
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

MISSING

Lymph Node - Bronchial

OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
	Cortex	Inflammation	Chronic, Minimal
Clitoral Gland		Adenoma	
Note: ADENOMA	TGLs = 1-7+12		
Eye	Lens	Degeneration	Minimal
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Minimal
		Degeneration	Fatty, Minimal
		Hepatodiaphragmatic Nodule	
		Inflammation	Granulomatous, Focal, Mild
Note: ANOM HEPAT LOB	TGLs = 2-11		
Lymph Node	Mandibular	Hyperplasia	Mild
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 1-12		
Nose	Respirat Epith	Hyperplasia	Moderate
		Inflammation	Minimal
	Respirat Epith	Metaplasia	Squamous, Minimal
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Salivary Glands	Duct	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8188

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 2 MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Skin			Keratoacanthoma
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Note: KERATOACANTHMA TGLs = 3-13

Thyroid Gland	C Cell		Adenoma
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PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8189

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 2 MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Small - Ileum
Lymph Node - Bronchial
Skin
Thyroid Gland

Bone Marrow
Eye
Intestine Small - Jejunum
Lymph Node - Mandibular
Stomach - Forestomach
Trachea

Brain
Intestine Large - Cecum
Islets, Pancreatic
Mammary Gland
Stomach - Glandular
Urinary Bladder

Clitoral Gland
Intestine Small - Duodenum
Larynx
Ovary
Thymus
Uterus

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland
Bone
Harderian Gland
Heart
Intestine Large

Medulla

Colon
Rectum

Pheochromocytoma Benign
Osteopetrosis
Inflammation
Inflammation
Parasite Metazoan
Parasite Metazoan
Nephropathy

Moderate
Suppurative, Minimal
Chronic, Moderate

Moderate

Kidney

Note: ENLARGED ADRENAL GLAND RATHER THAN THE KIDNEY.

Note: IT APPEARS THAT TGL 2 MIGHT HAVE REFERRED TO AN

Liver

Basophilic Focus
Inflammation
Leukemia Mononuclear

Minimal
Granulomatous, Focal, Minimal

Lung

Alveolus
Perivascular

Infiltration Cellular
Infiltration Cellular

Histiocyte, Minimal
Mononuclear CI, Mild

Nose

Nasolacrim Dct

Inflammation
Inflammation
Inflammation

Suppurative, Minimal
Minimal
Suppurative, Minimal

Note: SINCE THE SECTION IS MORE ANTERIOR THAN NORMAL.

Note: THERE IS A SMALL FOCUS OF SQUAMOUS EPITHELIUM NEXT

Note: TO ONE OF THE MAXILLARY TURBINATES. HOWEVER IT MAY

Note: REPRESENT NORMAL SQUAMOUS EPITHELIUM FROM THAT AREA

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8189

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 2 MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Note: LESION DOES NOT APPEAR LARGE ENOUGH FOR TGL 1.			
Salivary Glands	Duct	Hyperplasia	Minimal
Spleen		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8190

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 2 MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Brain
Intestine Large - Colon
Islets, Pancreatic
Skin
Trachea

Adrenal Gland - Medulla
Clitoral Gland
Intestine Small - Duodenum
Ovary
Stomach - Forestomach
Uterus

Bone
Esophagus
Intestine Small - Ileum
Pancreas
Stomach - Glandular

Bone Marrow
Eye
Intestine Small - Jejunum
Parathyroid Gland
Thymus

OBSERVATIONS

Heart
Intestine Large

Kidney
Larynx
Liver

Cecum
Rectum

Bile Duct

Inflammation
Parasite Metazoan
Parasite Metazoan
Nephropathy
Inflammation
Basophilic Focus
Hyperplasia
Inflammation
Leukemia Mononuclear
Necrosis

Chronic, Minimal

Mild
Suppurative, Minimal
Mild
Mild
Granulomatous, Focal, Mild

Minimal

Note: LEUKEMIA MONUC TGLs = 2-4
Lung

Alveolus

Infiltration Cellular
Leukemia Mononuclear
Leukemia Mononuclear
Leukemia Mononuclear
Fibroadenoma

Histiocyte, Minimal

Lymph Node

Bronchial
Mandibular

Hyperplasia
Inflammation

Moderate
Mild

Mammary Gland

[Fibroadenoma TGLS = 1-11+12]

Nose

Respirat Epith

Respirat Epith
Pars Distalis

Metaplasia
Adenoma

Squamous, Minimal

Pituitary Gland

Note: [ADENOMA] TGLs = 3-8

Salivary Glands

Duct

Hyperplasia

Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8190

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 2 MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen

Thyroid Gland

Urinary Bladder

C Cell

Leukemia Mononuclear

Hyperplasia

Leukemia Mononuclear

Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8191

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 2 MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Clitoral Gland
Eye	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Lymph Node - Bronchial	Lymph Node - Mandibular	Ovary	Pancreas
Salivary Glands	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

MISSING

Esophagus	Parathyroid Gland	Skin
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OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
	Cortex	Degeneration	Fatty, Minimal
Bone Marrow		Myelofibrosis	Minimal
Heart		Inflammation	Chronic, Minimal
Intestine Small	Ileum	Hyperplasia	Lymphoid, Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Minimal
	Bile Duct	Hyperplasia	Minimal
	Hepatocyte	Hyperplasia	Mild
		Inflammation	Granulomatous, Focal, Mild
		Leukemia Mononuclear	
Lung	Alveolar Epith	Hyperplasia	Minimal
		Inflammation	Chronic, Focal, Minimal
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
Nose	Respirat Epith	Hyperplasia	Moderate
	Vomeronas Org	Inflammation	Suppurative, Minimal
		Inflammation	Mild
Pituitary Gland	Pars Distalis	Adenoma	
[Adenoma TGLS = 2-8]			
Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8191

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 2 MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8192

TRT#: 6

SEX: Female

DAY ON TEST: 672

DOSE: 2 MG/M3 FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Clitoral Gland	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Ovary
Pancreas	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

MISSING

Parathyroid Gland	Thyroid Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Moderate
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Eye		Leukemia Mononuclear	
Heart		Inflammation	Chronic, Minimal
Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 3-5		
Larynx		Inflammation	Suppurative, Minimal
Liver		Inflammation	Granulomatous, Focal, Minimal
		Leukemia Mononuclear	
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4-3		
Lymph Node	Bronchial	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
Mammary Gland		Galactocele	Minimal
		Hyperplasia	Minimal
Nose	Respirat Epith	Hyperplasia	Moderate
		Inflammation	Suppurative, Minimal
		Inflammation	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8192

TRT#: 6

SEX: Female

DAY ON TEST: 672

DOSE: 2 MG/M3 FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland Note: [ADENOMA] TGLs = 5-8	Respirat Epith Pars Distalis	Metaplasia Adenoma	Squamous, Mild
Salivary Glands Spleen Note: LEUKEMIA MONUC TGLs = 2-4	Duct	Hyperplasia Leukemia Mononuclear	Mild

PRIMARY CAUSE OF DEATH

-

Animal Note: TGL #1 IS PROBABLY RELATED TO THE LEUKEMIA MONUC.

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8193

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 2 MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone Marrow	Brain	Clitoral Gland
Eye	Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lung
Lymph Node - Bronchial	Lymph Node - Mandibular	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

MISSING

Esophagus	Intestine Large - Rectum	Intestine Small - Ileum	Stomach - Forestomach
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OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
Bone		Osteopetrosis	Mild
Harderian Gland		Metaplasia	Squamous, Minimal
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Mild
Liver	Bile Duct	Hyperplasia	Minimal
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 1-11			
Nose		Inflammation	Suppurative, Minimal
		Inflammation	Minimal
Oviduct		Cyst	
Note: TGL #3 REFERS TO OVIDUCT, NOT OVARY AS STATED AT TRIM.			
Note: CYST TGLs = 3-7			
Pituitary Gland	Pars Distalis	Adenoma	
Uterus		Deciduoma Benign	
Note: [DECIDUOMA BGN] TGLs = 2-8			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8194

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 2 MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Eye	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Lymph Node - Bronchial	Lymph Node - Mandibular	Ovary	Pancreas
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Hematopoietic Cell Proliferation	Minimal
	Medulla	Hematopoietic Cell Proliferation	Minimal
Clitoral Gland		Inflammation	Suppurative, Minimal
Harderian Gland		Inflammation	Suppurative, Minimal
Heart		Inflammation	Chronic, Mild
Intestine Small	Ileum	Hyperplasia	Lymphoid, Mild
Kidney		Nephropathy	Moderate
Liver		Basophilic Focus	Minimal
		Leukemia Mononuclear	
Lung	Perivascular	Infiltration Cellular	Mononuclear CI, Minimal
		Leukemia Mononuclear	
		Fibroadenoma	
Mammary Gland			
[Fibroadenoma TGLS = 1-11]			
Nose	Respirat Epith	Hyperplasia	Mild
		Inflammation	Suppurative, Minimal
		Inflammation	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 2-8			
Salivary Glands	Duct	Hyperplasia	Minimal
Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8194

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 2 MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8195

TRT#: 6

SEX: Female

DAY ON TEST: 687

DOSE: 2 MG/M3 FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Clitoral Gland
Esophagus	Eye	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	Parathyroid Gland	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
Brain		Compression	Moderate
[Compression TGLS = 4-1]			
Heart		Inflammation	Chronic, Minimal
Kidney	Renal Tubule	Hyperplasia	Mild
		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 2-5			
Liver	Hepatocyte	Degeneration	Fatty, Mild
		Hyperplasia	Mild
		Inflammation	Granulomatous, Focal, Mild
Lung	Perivascular	Infiltration Cellular	Mononuclear CI, Minimal
		Inflammation	Chronic, Focal, Minimal
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-11]			
Nose	Respirat Epith	Hyperplasia	Moderate
		Inflammation	Mild
	Respirat Epith	Metaplasia	Squamous, Mild
Pancreas	Acinus	Cytomegaly	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 3-8			
Thyroid Gland	C Cell	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8196

TRT#: 6

SEX: Female

DAY ON TEST: 666

DOSE: 2 MG/M3 FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Ovary	Pancreas
Parathyroid Gland	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

INSUFFICIENT TISSUE

Intestine Small - Duodenum

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
	Cortex	Hematopoietic Cell Proliferation	Minimal
Bone Marrow		Leukemia Mononuclear	
Clitoral Gland		Carcinoma	
Note: CARCINOMA	TGLs = 1-11+12+13		
Eye	Retina	Atrophy	Marked
	Lens	Degeneration	Moderate
	Lens	Mineralization	Moderate
		Synechia	Moderate
	[Mineralization TGLS = 3-14]		
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Minimal
Larynx		Inflammation	Suppurative, Mild
Liver		Basophilic Focus	Mild
		Inflammation	Granulomatous, Focal, Mild
		Leukemia Mononuclear	
Lung	Perivascular	Infiltration Cellular	Mononuclear CI, Minimal
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-3		
Lymph Node	Mandibular	Hyperplasia	Mild
	Bronchial	Leukemia Mononuclear	
Mammary Gland		Fibroadenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8196

TRT#: 6

SEX: Female

DAY ON TEST: 666

DOSE: 2 MG/M3 FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: FIBROADENOMA TGLs = 1-11+13

Nose	Respirat Epith	Hyperplasia Inflammation	Mild Mild
Pituitary Gland	Respirat Epith Pars Distalis	Metaplasia Hyperplasia	Squamous, Moderate Marked
Salivary Glands	Duct	Hyperplasia Inflammation	Moderate Suppurative, Minimal
Spleen		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Minimal
Uterus		Polyp Stromal	

Note: ALTHOUGH THE POLYP IS NECROTIC OR AUTOLYZED IT

Note: RETAINS ENOUGH ARCHITECTURE TO ALLOW THIS DIAGNOSIS

[Polyp Stromal TGLS = 4-15]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8197

TRT#: 6

SEX: Female

DAY ON TEST: 686

DOSE: 2 MG/M3 FEMALE

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
Islets, Pancreatic	Mammary Gland	Parathyroid Gland	Salivary Glands
Stomach - Forestomach	Stomach - Glandular	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
	Medulla	Hyperplasia	Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Clitoral Gland		Inflammation	Suppurative, Minimal
Eye		Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Intestine Small	Ileum, Peyers Patch	Leukemia Mononuclear	
	Jejunum, Peyers Patch	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
Note: PIGMENTATION IN OTHER KIDNEYS. THE TUBE TYPE			
Note: PIGMENTATION IS COMMON IN CONTROL RATS ALSO.			
Note: FOR TGL 3. IT IS NOT ANY MORE SEVERE THAN TUBULAR			
Note: IT IS NOT CLEAR WHETHER THE MINIMAL TO MILD RENAL			
Note: TUBULAR PIGMENTATION COULD HAVE BEEN RESPONSIBLE			
Larynx		Inflammation	Suppurative, Mild
Liver		Degeneration	Fatty, Minimal
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Mild
		Inflammation	Granulomatous, Focal, Minimal
		Leukemia Mononuclear	
Note: ANOM HEPAT LOB TGLs = 2-11			
Note: LIVER HERNIATED THROUGH THE DIAPHRAGM.			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8198

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 2 MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Clitoral Gland
Esophagus	Eye	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum	Larynx
Lung	Mammary Gland	Ovary	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Hematopoietic Cell Proliferation	Minimal
Bone Marrow		Myelofibrosis	Minimal
Heart		Inflammation	Chronic, Minimal
Intestine Small	Ileum	Hyperplasia	Lymphoid, Mild
Islets, Pancreatic		Carcinoma	
Note: ENCAPSULTAED, SHOWS SOME INVASION,AND HAS SEVERAL			
Note: ALTHOUGH THE ISLET CELL TUMOR IS SMALL, IT IS NOT			
Note: MITOTIC FIGURES.			
Kidney		Nephropathy	Mild
Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Granulomatous, Focal, Mild
Lymph Node	Mandibular	Hyperplasia	Mild
	Bronchial	Inflammation	Granulomatous, Minimal
Nose	Respirat Epith	Hyperplasia	Moderate
	Nasolacrim Dct	Inflammation	Suppurative, Minimal
		Inflammation	Suppurative, Minimal
		Inflammation	Moderate
	Respirat Epith	Metaplasia	Squamous, Minimal
Pancreas	Acinus	Atrophy	Mild
		Inflammation	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8198

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 2 MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8199

TRT#: 6

SEX: Female

DAY ON TEST: 549

DOSE: 2 MG/M3 FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
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
Pancreas	Parathyroid Gland	Skin	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

MISSING

Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Clitoral Gland		Inflammation	Suppurative, Minimal
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Minimal
		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Granulomatous, Focal, Mild
Lung	Perivascular	Infiltration Cellular	Mononuclear CI, Minimal
Lymph Node	Mandibular	Hyperplasia	Moderate
Mammary Gland		Hyperplasia	Minimal
Nose	Vomeronas Org	Inflammation	Suppurative, Minimal
		Inflammation	Suppurative, Minimal
		Inflammation	Minimal
Ovary		Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 1-8		
Salivary Glands	Duct	Hyperplasia	Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
Stomach	Forestomach	Hyperplasia	Squamous, Marked
	Forestomach	Inflammation	Marked
	Forestomach	Ulcer	Mild
Note: HYPERPLASIA	TGLs = 2-8		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8199

TRT#: 6

SEX: Female

DAY ON TEST: 549

DOSE: 2 MG/M3 FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 8200

TRT#: 6

SEX: Female

DAY ON TEST: 736

DOSE: 2 MG/M3 FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Eye	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
Ovary	Pancreas	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Cystic, Moderate
	Cortex	Degeneration	Fatty, Minimal
Clitoral Gland		Inflammation	Suppurative, Minimal
Heart		Inflammation	Chronic, Moderate
Islets, Pancreatic		Adenoma	
Note: ADENOMA	TGLs = 1-4		
Kidney		Nephropathy	Moderate
Liver		Basophilic Focus	Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Granulomatous, Focal, Mild
Lung	Perivascular	Infiltration Cellular	Mononuclear CI, Minimal
Nose	Respirat Epith	Hyperplasia	Moderate
		Inflammation	Moderate
	Respirat Epith	Metaplasia	Squamous, Mild
Parathyroid Gland		Adenoma	
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 2-8		
Salivary Glands	Duct	Hyperplasia	Minimal
Thyroid Gland	C Cell	Hyperplasia	Moderate
Tooth		Inflammation	Suppurative, Mild
		Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9451

TRT#: 2

SEX: Female

DAY ON TEST: 659

DOSE: CONTROL FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Eye	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Lung	Lymph Node - Mandibular	Mammary Gland
Ovary	Pancreas	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thyroid Gland
Trachea	Urinary Bladder		

MISSING

Lymph Node - Bronchial	Parathyroid Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Heart		Inflammation	Chronic, Mild
Intestine Large	Cecum	Parasite Metazoan	
	Rectum	Parasite Metazoan	
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Minimal
		Inflammation	Granulomatous, Focal, Mild
Nose		Inflammation	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 2-8		
Uterus		Fibroma	
Note: APPEARED TO BE EXCESS SMOOTH MUSCLE ALSO ESPECIALLY			
Note: AROUND THE MANY SMALL VESSEL STRUCTURES PRESENT.			
Note: DIFFERENTIAL DIAGNOSIS MAY INCLUDE HEMANGIO-			
Note: PERICYTOMA, LEIOMYOMA, OR NEUROFIBROMA. MASSON'S			
Note: FIBROMA			
TGLs = 1-11+12+13+14			
Note: TRICHROME SHOWED MOSTLY COLLAGEN, BUT THERE			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9452

TRT#: 2

SEX: Female

DAY ON TEST: 735

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	Larynx	Lung
Lymph Node - Bronchial	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Urinary Bladder
Uterus			

MISSING

Islets, Pancreatic

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Medulla	Hyperplasia	Mild
Clitoral Gland		Adenoma	
Note: ADENOMA	TGLs = 6-7		
Eye	Retina	Atrophy	Minimal
Harderian Gland		Metaplasia	Squamous, Minimal
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 2-5		
Lacrimal Gland	Acinus	Atrophy	Mild
Note: ATROPHY	TGLs = 3-11		
Liver		Basophilic Focus	Minimal
		Inflammation	Granulomatous, Focal, Minimal
Lymph Node	Mandibular	Hyperplasia	Mild
Note: RENAL LYMPHNODE NOT ON SLIDE OR IN BLOCK.			
Mammary Gland		Adenocarcinoma	
		Fibroadenoma	
Note: ADENOCARC	TGLs = 7-12		
Note: FIBROADENOMA	TGLs = 1-13+14		
Nose	Vomeronas Org	Inflammation	Suppurative, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9452

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Suppurative, Minimal
		Inflammation	Minimal
	Olfactory Epi	Metaplasia	Minimal
	Pars Distalis	Adenoma	
Pituitary Gland			
Note: ADENOMA	TGLs = 4-8		
Trachea		Inflammation	Suppurative, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9453

TRT#: 2

SEX: Female

DAY ON TEST: 658

DOSE: CONTROL FEMALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Clitoral Gland	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Jejunum
Islets, Pancreatic	Parathyroid Gland	Skin	Trachea
Uterus			

MISSING

Intestine Large - Rectum	Larynx
--------------------------	--------

INSUFFICIENT TISSUE

Stomach - Forestomach

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Brain		Leukemia Mononuclear	
		Pigmentation	Hemosiderin, Mild
Eye		Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Intestine Small	Ileum, Peyers Patch	Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
Liver	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
		Necrosis	Mild
Note: LEUKEMIA MONUC	TGLs = 4-4		
Lung		Inflammation	Chronic, Focal, Minimal
		Leukemia Mononuclear	
Lymph Node	Mandibular	Hyperplasia	Mild
	Bronchial	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Pancreatic	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 5-2+3		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9453

TRT#: 2

SEX: Female

DAY ON TEST: 658

DOSE: CONTROL FEMALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: LEUKEMIA MONUC	TGLs = 6-7		
Note: LEUKEMIA MONUC	TGLs = 3-12		
Mammary Gland		Galactocele	Minimal
Mesentery		Inflammation	Chronic, Moderate
		Fat	
		Fat	Leukemia Mononuclear
Note: LEUKEMIA MONUC	TGLs = 1-12+6		
Nose		Foreign Body	Minimal
		Respirat Epith	Hyperplasia
			Inflammation
			Inflammation
			Leukemia Mononuclear
		Olfactory Epi	Metaplasia
			Thrombosis
Ovary		Atrophy	Mild
			Moderate
		Leukemia Mononuclear	
Pancreas		Acinus	Atrophy
			Moderate
			Leukemia Mononuclear
Pituitary Gland		Pars Distalis	Adenoma
Salivary Glands		Duct	Hyperplasia
			Minimal
			Leukemia Mononuclear
Spleen			Leukemia Mononuclear
			[Leukemia Mononuclear TGLS = 2-11]
Stomach		Glandular	Inflammation
		Glandular	Mild
			Leukemia Mononuclear
Thymus			Leukemia Mononuclear
Thyroid Gland		C Cell	Hyperplasia
			Mild
Urinary Bladder			Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9454

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Brain	Clitoral Gland	Esophagus	Eye
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thyroid Gland	Urinary Bladder	

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Minimal
	Medulla	Hyperplasia	Minimal
Bone		Osteopetrosis	Mild
Note: STERNAL TRABECULAE SEEM THICKENED			
Bone Marrow		Myelofibrosis	Mild
Harderian Gland		Inflammation	Suppurative, Minimal
Heart		Inflammation	Chronic, Mild
Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 2-5			
Larynx		Inflammation	Suppurative, Minimal
Liver		Basophilic Focus	Minimal
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Granulomatous, Focal, Minimal
		Leukemia Mononuclear	
		Necrosis	Minimal
Note: PIGMENT AND STEROL CLEFTS IN SOME GRANULOMAS			
Note: ANOM HEPAT LOB TGLs = 7-4			
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Inflammation	Chronic, Focal, Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-3			
Note: INFLAMMATION TGLs = 5-3			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9454

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Lymph Node	Mandibular Bronchial Mandibular	Hyperplasia Leukemia Mononuclear Leukemia Mononuclear Fibroadenoma	Mild
Mammary Gland			
Note: FIBROADENOMA HAS ONE SMALL NODULE THAT IS			
Note: AREA THEREFORE SLIDE 7 & 12 CONSIDERED SAME TUMOR.			
Note: FIBROADENOMA TGLs = 1-7+12			
Note: ME. IT IS MARKED WITH A BLACK PEN MARK.			
Note: IN LIFE DATA INDICATED SQ MASS IN MID ABDOMINAL			
Note: SUGGESTIVE OF CARCINOMA BUT DOESN'T QUITE CONVINC			
Mesentery		Inflammation	Granulomatous, Suppurative, Multifocal, Moderate
Note: PANCREAS AS MENTIONED GROSSLY.			
Note: INFLAMMATION TGLs = 6-11			
Note: TGL 6 WERE LESIONS IN MESENTERY RATHER THAN IN			
Nose	Respirat Epith	Hyperplasia Inflammation	Minimal Minimal
Ovary		Atrophy	Moderate
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 4-8			
Spleen		Leukemia Mononuclear	
Thymus		Leukemia Mononuclear	
Trachea		Inflammation	Mild
	Epithelium	Metaplasia	Squamous, Minimal
Uterus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9455

TRT#: 2

SEX: Female

DAY ON TEST: 651

DOSE: CONTROL FEMALE

DISP: Moribund

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
Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland	Ovary
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
	Cortex	Focal Cellular Change	Mild
	Cortex	Hematopoietic Cell Proliferation	Minimal
Kidney		Hematopoietic Cell Proliferation	Minimal
		Nephropathy	Minimal
Liver		Hematopoietic Cell Proliferation	Mild
Lung		Infiltration Cellular	Mixed Cell, Moderate
Note: MIXED CELL INFILTRATE IS USED TO DENOTE EMHP			
Note: SINCE THAT TERM IS NOT AVAILABLE.			
Mesentery		Sarcoma	
Note: [SARCOMA] TGLs = 2-11+12+13			
Note: SARCOMA IS A RHABDOMYOSARCOMA			
Note: [SARCOMA] TGLs = 2-6			
Nose		Inflammation	Suppurative, Minimal
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Spleen		Hematopoietic Cell Proliferation	Moderate
[Hematopoietic Cell Proliferation TGLS = 1-4]			
Uterus		Polyp Stromal	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9456

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: CONTROL 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	Parathyroid Gland	Stomach - Glandular
Trachea	Uterus		

OBSERVATIONS

Adrenal Gland	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Brain		Leukemia Mononuclear	
Clitoral Gland	Duct	Inflammation	Suppurative, Minimal
Eye		Leukemia Mononuclear	
Harderian Gland		Inflammation	Suppurative, Minimal
Heart		Leukemia Mononuclear	
Kidney		Nephropathy	Minimal
Larynx		Inflammation	Mild
Liver		Basophilic Focus	Minimal
		Degeneration	Fatty, Minimal
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-4			
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Bronchial	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
Mammary Gland		Galactocele	Mild
		Hyperplasia	Mild
		Leukemia Mononuclear	
Nose		Leukemia Mononuclear	
Ovary		Leukemia Mononuclear	
Pancreas		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Degeneration	Cystic, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9456

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: DEGEN	TGLs = 3-8	Pars Distalis	Leukemia Mononuclear	
Salivary Glands			Leukemia Mononuclear	
Skin		Subcut Tiss, Thoracic, Ventral	Leukemia Mononuclear	
Spleen			Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 1-11			
Stomach		Forestomach	Leukemia Mononuclear	
Thymus			Leukemia Mononuclear	
Thyroid Gland		C Cell	Hyperplasia	Moderate
Urinary Bladder			Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH		-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9457

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Esophagus	Eye
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Larynx	Lymph Node - Bronchial
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
	Cortex	Degeneration	Fatty, Mild
	Medulla	Hyperplasia	Moderate
Brain		Carcinoma	Metastatic (Pituitary Gland)
Clitoral Gland		Adenoma	
Note: ADENOMA	TGLs = 1-7		
Heart		Inflammation	Chronic, Minimal
Islets, Pancreatic		Adenoma	
Note: ADENOMA	TGLs = 6-11		
Note: NODULE IS ISLET ADENOMA CLOSE TO DUODENUM			
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 3-5		
Liver		Basophilic Focus	Mild
		Inflammation	Granulomatous, Focal, Minimal
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4-4		
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Hyperplasia	Mild
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 2-12		
Nose		Inflammation	Minimal
Ovary		Atrophy	Moderate
Pancreas		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9457

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland Note: CARCINOMA	TGLs = 5-8	Pars Distalis	Carcinoma	
Spleen			Leukemia Mononuclear	
Thyroid Gland		C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH		-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9458

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Eye	Intestine Large - Cecum
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic
Lymph Node - Bronchial	Lymph Node - Mandibular	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Uterus		

MISSING

Intestine Small - Ileum	Urinary Bladder
-------------------------	-----------------

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
	Cortex	Hematopoietic Cell Proliferation	Minimal
Heart		Inflammation	Chronic, Mild
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Minimal
Larynx		Inflammation	Suppurative, Mild
Liver		Basophilic Focus	Mild
		Inflammation	Granulomatous, Focal, Mild
		Leukemia Mononuclear	
Lung		Alveolar/Bronchiolar Adenoma	
Note: ALV BRON ADEN	TGLs = 3-11		
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA	TGLs = 1-13		
Nose	Olfactory Epi	Degeneration	Minimal
	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Suppurative, Minimal
		Inflammation	Mild
Ovary		Atrophy	Moderate
		Granulosa-Theca Tumor Malignant	
Note: TUMOR IS MAINLY THECA CELL IN COMPOSITION			
Note: GRAN THECA MAL	TGLs = 2-12		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9458

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal
Spleen		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9459

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Brain	Esophagus	Eye
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	Parathyroid Gland	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
	Cortex	Degeneration	Fatty, Moderate
	Medulla	Hyperplasia	Mild
Bone		Osteopetrosis	Mild
Clitoral Gland		Cyst	
Note: CYST	TGLs = 2-7		
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Mild
Liver		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Granulomatous, Focal, Mild
Lung	Perivascular	Infiltration Cellular	Mononuclear CI, Mild
Lymph Node	Mandibular	Hyperplasia	Mild
Mammary Gland		Galactocele	Minimal
Nose	Olfactory Epi	Degeneration	Minimal
	Nasolacrim Dct	Foreign Body	Minimal
		Inflammation	Suppurative, Mild
		Inflammation	Mild
	Olfactory Epi	Metaplasia	Minimal
Pancreas	Acinus	Cytomegaly	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 1-8		
Salivary Glands	Duct	Hyperplasia	Minimal
Spleen		Fibrosis	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9459

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland

C Cell

Hematopoietic Cell Proliferation

Mild

Hyperplasia

Marked

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9460

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Eye	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Larynx	Lymph Node - Mandibular	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex Medulla	Degeneration Pheochromocytoma Benign	Fatty, Mild
Heart		Inflammation	Chronic, Mild
Islets, Pancreatic		Adenoma	
Kidney		Nephropathy	Mild
Liver		Basophilic Focus Inflammation Leukemia Mononuclear	Minimal Granulomatous, Focal, Mild
Note: LEUKEMIA MONUC TGLs = 2-4			
Lung	Mediastinum	Hemangioma Leukemia Mononuclear	
Lymph Node	Bronchial	Leukemia Mononuclear	
Mammary Gland		Galactocele	Mild
Nose		Inflammation Inflammation	Suppurative, Minimal Mild
Ovary		Atrophy Cyst Hyperplasia	Moderate Moderate
Note: HYPERPLASIA IS OF GRANULOSA CELLS	Interstitialium		
Note: CYST TGLs = 3-7			
Pancreas	Acinus	Atrophy	Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 1-8			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9460

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen

Leukemia Mononuclear

Thyroid Gland

Bilateral, C Cell

Adenoma

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9461

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Eye	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lung
Lymph Node - Bronchial	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Urinary Bladder	Uterus

MISSING

Lymph Node - Mandibular

OBSERVATIONS

Adrenal Gland Note: GANGLIONEUROMA TGLs = 2-11	Medulla	Ganglioneuroma	
Heart		Inflammation	Chronic, Moderate
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Mild
		Inflammation	Granulomatous, Focal, Minimal
		Leukocytosis	Mild
		Fibroadenoma	
Mammary Gland Note: FIBROADENOMA TGLs = 1-12			
Nose		Inflammation	Suppurative, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Thyroid Gland	C Cell	Hyperplasia	Minimal
Trachea	Epithelium	Hyperplasia	Mild
		Inflammation	Minimal
	Epithelium	Metaplasia	Squamous, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9462

TRT#: 2

SEX: Female

DAY ON TEST: 687

DOSE: CONTROL FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	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	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Stomach - Glandular	Urinary Bladder	Uterus

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Bone Marrow		Leukemia Mononuclear	
Eye		Leukemia Mononuclear	
Heart		Inflammation	Chronic, Minimal
Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
Liver		Basophilic Focus	Moderate
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
		Necrosis	Minimal
		[Basophilic Focus TGLS = 1-4]	
		[Hepatodiaphragmatic Nodule TGLS = 4-4]	
Lung		Hemorrhage	Mild
	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Note: HEMORRHAGE	TGLs = 5-11		
Lymph Node	Bronchial	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-7		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9462

TRT#: 2

SEX: Female

DAY ON TEST: 687

DOSE: CONTROL FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Nose	Respirat Epith Vomeronas Org	Hyperplasia Inflammation Inflammation Thrombosis	Minimal Suppurative, Minimal Minimal Mild
Pituitary Gland	Pars Distalis Pars Distalis	Hyperplasia Leukemia Mononuclear	Mild
Note: [HYPERPLASIA] TGLs = 6-8			
Skin	Subcut Tiss, Thoracic, Ventral	Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 3-12]			
Stomach	Forestomach	Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Minimal
Trachea	Epithelium	Metaplasia	Squamous, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9463

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Lymph Node - Bronchial	Ovary	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Focal Cellular Change	Mild
	Cortex	Hyperplasia	Mild
Clitoral Gland	Duct	Hyperplasia	Marked
		Hyperplasia	Mild
		Inflammation	Chronic, Marked
Eye	Retina	Atrophy	Minimal
	Lens	Degeneration	Minimal
Harderian Gland		Inflammation	Mild
Heart		Inflammation	Chronic, Mild
Intestine Large	Colon	Parasite Metazoan	
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Mild
		Inflammation	Granulomatous, Focal, Mild
Lung	Perivascular	Infiltration Cellular	Mononuclear CI, Minimal
Lymph Node	Mandibular	Hyperplasia	Mild
Mammary Gland		Fibroadenoma	
		[Fibroadenoma TGLS = 1-11+12]	
Nose	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Mild
		Inflammation	Suppurative, Minimal
Pancreas	Acinus	Atrophy	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9463

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland	Pars Distalis	Inflammation	Minimal
Salivary Glands	Duct	Adenoma	
Skin		Hyperplasia	Minimal
Thyroid Gland	C Cell	Acanthosis	Mild
		Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9464

TRT#: 2

SEX: Female

DAY ON TEST: 700

DOSE: CONTROL FEMALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Eye	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	Ovary
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder	Uterus		

MISSING

Clitoral Gland

INSUFFICIENT TISSUE

Lymph Node - Bronchial

OBSERVATIONS

Adrenal Gland	Cortex	Focal Cellular Change	Minimal
	Medulla	Hyperplasia	Mild
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Minimal
Lacrimal Gland	Acinus	Atrophy	Minimal
Note: ATROPHY TGLs = 4-11			
Liver		Basophilic Focus	Moderate
		Hepatodiaphragmatic Nodule	
	Hepatocyte	Hyperplasia	Mild
		Leukemia Mononuclear	
		Necrosis	Minimal
Note: LEUKEMIA MONUC TGLs = 2-4+12 [Basophilic Focus TGLS = 3-12]			
Lung		Leukemia Mononuclear	
Nose	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Suppurative, Minimal
		Inflammation	Minimal
Pancreas	Acinus	Cytomegaly	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9464

TRT#: 2

SEX: Female

DAY ON TEST: 700

DOSE: CONTROL FEMALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland

Pars Distalis

Hyperplasia

Moderate

Note: [HYPERPLASIA] TGLs = 5-8

Spleen

Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 1-13

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9465

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Brain	Esophagus	Eye
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
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
	Medulla	Pheochromocytoma Benign	
Bone Marrow		Myelofibrosis	Minimal
Clitoral Gland		Cyst	
Note: CYST	TGLs = 1-7		
Harderian Gland		Metaplasia	Squamous, Minimal
Heart		Inflammation	Chronic, Mild
Intestine Large	Cecum	Parasite Metazoan	
Kidney		Nephropathy	Moderate
Liver		Basophilic Focus	Mild
		Inflammation	Granulomatous, Focal, Minimal
Nose		Inflammation	Mild
Ovary		Atrophy	Moderate
		Cyst	
		Granulosa-Theca Tumor Benign	
Note: GRAN THECA BGN	TGLs = 2-11		
Note: CYST	TGLs = 2-11		
Pituitary Gland	Pars Distalis	Adenoma	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9466

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: CONTROL FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Clitoral Gland	Esophagus
Eye	Intestine Large - Cecum	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland
Nose	Ovary	Pancreas	Parathyroid Gland
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	

MISSING

Intestine Large - Colon

OBSERVATIONS

Adrenal Gland	Cortex Medulla Cortex	Adenoma Hyperplasia Leukemia Mononuclear Carcinoma	Minimal Metastatic (Pituitary Gland)
Brain			
Note: THE SITE OF THE METASTASIS IS UNCOMMON BUT			
Note: CARCINOMA TGLs = 4-1			
Note: BUT CYTOLOGICALLY IT LOOKS LIKE A PITUITARY TUMOR			
Heart		Inflammation	Chronic, Mild
Kidney		Leukemia Mononuclear Nephropathy	Mild
Larynx		Inflammation	Suppurative, Minimal
Liver		Degeneration Leukemia Mononuclear	Fatty, Mild
[Degeneration TGLS = 5-11]			
Lung		Leukemia Mononuclear	
Lymph Node	Bronchial Mandibular	Leukemia Mononuclear Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Carcinoma	
Note: CARCINOMA TGLs = 3-8			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-4			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9466

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: CONTROL FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland

C Cell

Hyperplasia

Mild

Uterus

Adenoma

Note: [ADENOMA] TGLs = 1-8

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9467

TRT#: 2

SEX: Female

DAY ON TEST: 477

DOSE: CONTROL FEMALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

MISSING

Eye	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Pancreas	Parathyroid Gland	Stomach - Forestomach	Stomach - Glandular
Urinary Bladder			

AUTO PRECLUDES DIAG.

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Clitoral Gland	Esophagus	Heart
Kidney	Larynx	Liver	Lung
Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland	Nose
Ovary	Pituitary Gland	Salivary Glands	Skin
Spleen	Thymus	Thyroid Gland	Trachea
Uterus			

OBSERVATIONS

Spleen
Note: AUTOLYSIS PRECLUDES CRITICAL EVALUATION. POSSIBLE
Note: LEUKEMIA,BUT CANNOT REASONABLY CONFIRM.

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9468

TRT#: 2

DOSE: CONTROL FEMALE

SEX: Female

DISP: Moribund

DAY ON TEST: 700

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Eye	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Lymph Node - Bronchial	Pancreas
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Trachea	Urinary Bladder	Uterus	

MISSING

Parathyroid Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex Medulla Bilateral, Medulla	Degeneration Hematopoietic Cell Proliferation Pheochromocytoma Benign	Fatty, Mild Mild
Heart		Inflammation	Chronic, Minimal
Kidney		Cyst Leukemia Mononuclear Nephropathy	Mild
[Cyst TGLS = 5-13]			
Liver	Bile Duct	Hyperplasia Leukemia Mononuclear Necrosis	Mild Mild
Note: LEUKEMIA MONUC TGLs = 3-4			
Lung	Alveolus	Hemorrhage Infiltration Cellular Inflammation Leukemia Mononuclear Pigmentation	Mild Histiocyte, Moderate Chronic, Focal, Mild Hemosiderin, Mild
Note: HEMORRHAGE TGLs = 6-3+11			
Lymph Node	Mandibular	Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-7			
Mammary Gland		Galactocele	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9468

TRT#: 2

SEX: Female

DAY ON TEST: 700

DOSE: CONTROL FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Nose	Respirat Epith	Hyperplasia Inflammation Inflammation	Minimal Suppurative, Minimal Minimal
Ovary		Cyst	
Pituitary Gland	Pars Distalis Pars Distalis Pars Distalis	Angiectasis Hyperplasia Leukemia Mononuclear	Moderate Mild
Note: LEUKEMIA MONUC TGLs = 7-8 Note: ANGIECTASIS TGLs = 7-8			
Spleen [Leukemia Mononuclear TGLS = 2-12]		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9469

TRT#: 2

SEX: Female

DAY ON TEST: 602

DOSE: CONTROL FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Eye	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lung	Lymph Node - Bronchial
Lymph Node - Mandibular	Pancreas	Parathyroid Gland	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Hematopoietic Cell Proliferation	Mild
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Minimal
Lacrimal Gland	Acinus	Atrophy	Mild
Note: VESICULAR NUCLEI.			
Note: APPARENT ATROPHY OF ACINAR CELLS LEAVING PALE			
Note: FOCI OF THINNED EOSINOPHILIC CELLS WITH [Atrophy TGLS = 3-14]			
Larynx		Inflammation	Suppurative, Minimal
Liver		Basophilic Focus	Minimal
		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Granulomatous, Focal, Minimal
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 1-11+12+13+			
Nose	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Suppurative, Minimal
		Inflammation	Minimal
Ovary		Cyst	
Note: CYST TGLs = 2-7			
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Salivary Glands	Duct	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9469

TRT#: 2

SEX: Female

DAY ON TEST: 602

DOSE: CONTROL FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen

Hematopoietic Cell Proliferation

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9470

TRT#: 2

SEX: Female

DAY ON TEST: 48

DOSE: CONTROL FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex
Esophagus
Intestine Small - Ileum
Larynx
Ovary
Spleen
Trachea

Adrenal Gland - Medulla
Heart
Intestine Small - Jejunum
Lung
Pancreas
Stomach - Forestomach
Urinary Bladder

Bone Marrow
Intestine Large - Colon
Islets, Pancreatic
Lymph Node - Bronchial
Salivary Glands
Stomach - Glandular
Uterus

Brain
Intestine Small - Duodenum
Kidney
Mammary Gland
Skin
Thymus

MISSING

Clitoral Gland
Thyroid Gland

Intestine Large - Cecum

Intestine Large - Rectum

Parathyroid Gland

OBSERVATIONS

Bone
Note: INFLAMMATION TGLs = 1-9

Inflammation
Suppurative, Chronic, Moderate

Eye
Liver
Note: DEGEN TGLs = 4-4

Retina

Atrophy
Degeneration

Minimal
Fatty, Mild

Lymph Node
Nose

Mandibular
Respirat Epith

Hyperplasia
Hyperplasia
Inflammation

Marked
Moderate
Suppurative, Marked

Pituitary Gland
Note: PITUITARY CYST IS CILIATED

Respirat Epith
Pars Distalis

Metaplasia
Cyst

Squamous, Minimal
Minimal

Tooth
Note: INFLAMMATION TGLs = 1-9

Inflammation

Suppurative, Chronic, Moderate

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9471

TRT#: 2

SEX: Female

DAY ON TEST: 609

DOSE: CONTROL FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Eye	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	Salivary Glands
Skin	Spleen	Stomach - Forestomach	Stomach - Glandular
Thymus	Thyroid Gland	Urinary Bladder	Uterus

MISSING

Parathyroid Gland

OBSERVATIONS

Clitoral Gland		Adenoma	
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Moderate
Liver		Basophilic Focus	Minimal
		Hematopoietic Cell Proliferation	Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Granulomatous, Focal, Minimal
Lung	Perivascular	Infiltration Cellular	Mononuclear CI, Minimal
Lymph Node	Mandibular	Hyperplasia	Mild
Nose		Inflammation	Minimal
		Inflammation	Suppurative, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 2-8		
Trachea		Inflammation	Suppurative, Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9472

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Esophagus
Eye	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	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex Medulla	Degeneration Hyperplasia Inflammation	Fatty, Moderate Mild Suppurative, Minimal
Clitoral Gland		Inflammation	Chronic, Mild
Heart		Nephropathy	Mild
Kidney		Inflammation	Suppurative, Mild
Larynx		Basophilic Focus	Minimal
Liver		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Mammary Gland		Hyperplasia Inflammation	Minimal Suppurative, Marked
Note: TGL 1 IS AN ABSCESS IN MAMMARY TISSUE. CLITORAL Note: GLAND NOT SEEN ON SLIDE 12. [Inflammation TGLS = 1-12]			
Nose		Inflammation Inflammation	Minimal Suppurative, Minimal
Pituitary Gland	Olfactory Epi Pars Distalis	Metaplasia Adenoma	Mild
Note: ADENOMA TGLs = 3-8			
Skin		Inflammation	Suppurative, Minimal
Spleen		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9472

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Thyroid Gland

Follicular Cel

Adenocarcinoma

Cyst

Note: GROSS DESCRIPTION SAID BILATERAL ENLARGEMENT.

Note: ADENOCARC TGLs = 2-11

Note: CYST TGLs = 2-2

Note: HAD TO ASSUME CYST WAS SEPARATE FROM TUMOR SINCE

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9473

TRT#: 2

SEX: Female

DAY ON TEST: 654

DOSE: CONTROL FEMALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Clitoral Gland	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Larynx
Parathyroid Gland	Salivary Glands	Stomach - Forestomach	Thyroid Gland
Trachea			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Marked
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Brain		Hemorrhage	Moderate
		Leukemia Mononuclear	
	[Hemorrhage TGLS = 2-1+11]		
	[Leukemia Mononuclear TGLS = 2-1+11]		
Eye		Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
Liver		Leukemia Mononuclear	
		Necrosis	Mild
Lung		Hemorrhage	Minimal
	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Leukemia Mononuclear	
Lymph Node	Bronchial	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Minimal
Nose	Respirat Epith	Hyperplasia	Minimal
		Leukemia Mononuclear	
		Thrombosis	Mild
Ovary		Leukemia Mononuclear	
Pancreas		Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9473

TRT#: 2

SEX: Female

DAY ON TEST: 654

DOSE: CONTROL FEMALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland	Pars Distalis	Leukemia Mononuclear
Skin	Subcut Tiss, Thoracic, Ventral	Leukemia Mononuclear
Spleen		Leukemia Mononuclear
Note: LEUKEMIA MONUC TGLs = 1-4		
Stomach	Glandular	Leukemia Mononuclear
Thymus		Leukemia Mononuclear
Urinary Bladder		Leukemia Mononuclear
Uterus		Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9474

TRT#: 2

SEX: Female

DAY ON TEST: 533

DOSE: CONTROL FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Eye	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Lymph Node - Mandibular	Ovary	Pancreas
Salivary Glands	Skin	Stomach - Forestomach	Stomach - Glandular
Urinary Bladder	Uterus		

MISSING

Clitoral Gland	Lymph Node - Bronchial	Parathyroid Gland	Thymus
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INSUFFICIENT TISSUE

Intestine Small - Ileum

OBSERVATIONS

Adrenal Gland	Cortex	Hematopoietic Cell Proliferation	Mild
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Minimal
		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Granulomatous, Focal, Minimal
Lung	Perivascular	Infiltration Cellular	Mononuclear Cl, Minimal
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-12]			
Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
		Inflammation	Mild
		Inflammation	Suppurative, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA TGLs = 3-8			
Spleen		Hematopoietic Cell Proliferation	Mild
Thyroid Gland	Follicular Cel	Adenocarcinoma	
Trachea	Epithelium	Hyperplasia	Mild
Zymbal's Gland		Carcinoma	
[Carcinoma TGLS = 2-11]			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9474

TRT#: 2

SEX: Female

DAY ON TEST: 533

DOSE: CONTROL FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9475

TRT#: 2

SEX: Female

DAY ON TEST: 587

DOSE: CONTROL FEMALE

DISP: Dead

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Eye	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Islets, Pancreatic	Larynx
Lymph Node - Bronchial	Mammary Gland	Ovary	Pancreas
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Urinary Bladder	Uterus

MISSING

Lymph Node - Mandibular	Parathyroid Gland
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AUTO PRECLUDES DIAG.

Intestine Large - Cecum	Intestine Small - Ileum	Intestine Small - Jejunum	Nose
Thyroid Gland	Trachea		

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Minimal
Liver		Basophilic Focus	Minimal
		Inflammation	Granulomatous, Focal, Minimal
Lung		Congestion	Marked
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA] TGLs = 1-8			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9476

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Brain	Esophagus
Eye	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Ovary	Parathyroid Gland	Salivary Glands
Skin	Stomach - Forestomach	Stomach - Glandular	Trachea
Urinary Bladder	Uterus		

MISSING

Thymus

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Focal Cellular Change	Mild
Bone Marrow		Depletion Cellular	Mild
Clitoral Gland		Hyperplasia	Moderate
		Inflammation	Suppurative, Mild
Note: INFLAMMATION	TGLs = 3-7		
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Mild
		Hepatodiaphragmatic Nodule	
		Leukemia Mononuclear	
Note: ANOM HEPAT LOB	TGLs = 1-11		
Lung		Inflammation	Chronic, Focal, Minimal
		Leukemia Mononuclear	
Lymph Node	Bronchial	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
Mammary Gland		Galactoceles	Minimal
Nose	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Minimal
		Inflammation	Suppurative, Minimal
Pancreas	Acinus	Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9476

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland	Pars Distalis	Inflammation	Minimal
Note: ADENOMA TGLs = 2-8		Adenoma	
Spleen		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Moderate
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9477

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Eye	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Bronchial	Ovary	Parathyroid Gland
Salivary Glands	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea

MISSING

Clitoral Gland	Lymph Node - Mandibular
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INSUFFICIENT TISSUE

Mammary Gland

OBSERVATIONS

Adrenal Gland	Cortex	Focal Cellular Change	Mild
Heart		Inflammation	Chronic, Moderate
Kidney		Nephropathy	Mild
Larynx		Inflammation	Suppurative, Minimal
Liver		Basophilic Focus	Minimal
		Inflammation	Granulomatous, Focal, Mild
Lung	Perivascular	Infiltration Cellular	Mononuclear CI, Minimal
Nose	Vomerinas Org	Inflammation	Suppurative, Mild
		Inflammation	Suppurative, Minimal
		Inflammation	Mild
Pancreas	Acinus	Atrophy	Minimal
		Inflammation	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Urinary Bladder	Transit Epithe	Papilloma	
Note: REMAINING PORTION OF URINARY BLADDER.			
Note: WET TISSUE CHECK SHOWED NO MUCOSAL LESION ON			
Note: RECUTS SHOW BLADDER MASS BECOMING SMALLER.CHECKED			
Uterus		Polyp Stromal	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroacetophenone (CN)
CAS Number: 532-27-4

Date Report Requested: 10/23/2014
Time Report Requested: 09:51:59
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9477

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9478

TRT#: 2

SEX: Female

DAY ON TEST: 731

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	Parathyroid Gland	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex Medulla	Leukemia Mononuclear Leukemia Mononuclear	
Brain		Leukemia Mononuclear	
Clitoral Gland		Inflammation	Suppurative, Mild
Eye		Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
Larynx		Nephropathy	Mild
Liver		Inflammation	Suppurative, Mild
		Degeneration	Fatty, Mild
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-4			
Lung	Alveolus	Infiltration Cellular Leukemia Mononuclear	Histiocyte, Minimal
Note: LEUKEMIA MONUC TGLs = 4-3			
Lymph Node	Bronchial Mandibular	Leukemia Mononuclear Leukemia Mononuclear	
Mammary Gland		Fibroadenoma	
Note: FIBROADENOMA TGLs = 5-13			
Mesentery	Fat Fat	Inflammation Necrosis	Chronic, Moderate Moderate
Note: INFLAMMATION TGLs = 2-12			
Nose	Respirat Epith	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9478

TRT#: 2

SEX: Female

DAY ON TEST: 731

DOSE: CONTROL FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Suppurative, Minimal
		Inflammation	Minimal
		Thrombosis	Mild
Ovary		Atrophy	Moderate
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
	Pars Distalis	Leukemia Mononuclear	
Note: ADENOMA	TGLs = 6-8		
Salivary Glands	Duct	Hyperplasia	Minimal
Spleen		Leukemia Mononuclear	
	[Leukemia Mononuclear TGLS = 1-11]		
Thyroid Gland	C Cell	Hyperplasia	Minimal
Uterus		Leukemia Mononuclear	

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9479

TRT#: 2

SEX: Female

DAY ON TEST: 577

DOSE: CONTROL FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Eye	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Mammary Gland	Ovary	Stomach - Glandular
Thyroid Gland	Trachea	Uterus	

MISSING

Parathyroid Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Heart		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
Kidney		Nephropathy	Mild
Larynx		Inflammation	Suppurative, Minimal
Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
Lung	Alveolus	Infiltration Cellular	Histiocyte, Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 4-3		
Lymph Node	Bronchial	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-2+3		
Nose		Inflammation	Mild
Pancreas		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Degeneration	Cystic, Moderate
	Pars Distalis	Hyperplasia	Mild
Note: DEGEN	TGLs = 3-8		
Salivary Glands		Leukemia Mononuclear	
Skin	Subcut Tiss, Thoracic, Ventral	Leukemia Mononuclear	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9479

TRT#: 2

SEX: Female

DAY ON TEST: 577

DOSE: CONTROL FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen

Fibrosis

Minimal

Leukemia Mononuclear

Note: LEUKEMIA MONUC TGLs = 1-4

Stomach

Forestomach

Leukemia Mononuclear

Urinary Bladder

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9480

TRT#: 2

SEX: Female

DAY ON TEST: 577

DOSE: CONTROL FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Eye	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	Parathyroid Gland	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Thymus
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Clitoral Gland		Adenoma Inflammation	Suppurative, Marked
<p>Note: "SUBCUT" MASS WAS DESCRIBED AS ADJACENT TO THE Note: AND IS SMALLER THAN THE ADENOMA. SINCE THE Note: CLITORAL GLAND IT WAS GIVEN THE TGL. Note: THE ABSCESS IS MOSTLY OUTSIDE THE CLITORAL TISSUE [Inflammation TGLS = 3-12]</p>			
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Mild
Larynx		Inflammation	Suppurative, Minimal
Liver		Basophilic Focus Hematopoietic Cell Proliferation	Minimal Minimal
Lung	Perivascular	Inflammation Infiltration Cellular	Granulomatous, Focal, Mild Mononuclear CI, Minimal
Mammary Gland		Hyperplasia	Minimal
Mesentery		Hemorrhage	Moderate
<p>Note: HEMORRHAGE PRESUMED DUE TO IP INJECTION Note: HEMORRHAGE TGLs = 2-11</p>			
Nose	Nasolacrim Dct	Inflammation Inflammation	Suppurative, Mild Minimal
Pituitary Gland	Pars Distalis	Adenoma	
<p>Note: [ADENOMA] TGLs = 1-8</p>			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9480

TRT#: 2

SEX: Female

DAY ON TEST: 577

DOSE: CONTROL FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Salivary Glands

Duct

Hyperplasia

Mild

Thyroid Gland

C Cell

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9481

TRT#: 2

SEX: Female

DAY ON TEST: 570

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	Eye
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	Salivary Glands	Skin
Spleen	Stomach - Forestomach	Stomach - Glandular	Trachea
Urinary Bladder	Uterus		

MISSING

Parathyroid Gland	Thymus
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OBSERVATIONS

Kidney		Nephropathy	Moderate
Larynx		Inflammation	Suppurative, Minimal
Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Granulomatous, Focal, Minimal
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
Mammary Gland		Galactocele	Mild
Nose		Inflammation	Minimal
Ovary		Cyst	
Note: CYST	TGLs = 2-7		
Pancreas	Acinus	Atrophy	Mild
		Inflammation	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 1-8		
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9482

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Eye	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Lymph Node - Bronchial	Ovary
Parathyroid Gland	Salivary Glands	Skin	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder	Uterus		

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
Heart		Inflammation	Chronic, Mild
Intestine Small	Ileum	Hyperplasia	Lymphoid, Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Mild
		Inflammation	Granulomatous, Focal, Mild
Lung	Perivascular	Infiltration Cellular	Mononuclear CI, Minimal
Lymph Node	Mandibular	Hyperplasia	Mild
Mammary Gland		Galactocele	Mild
Nose		Inflammation	Minimal
Pancreas	Acinus	Atrophy	Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Note: ADENOMA	TGLs = 1-8		
Thyroid Gland	C Cell	Hyperplasia	Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9483

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Eye	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Lymph Node - Bronchial	Ovary
Parathyroid Gland	Skin	Spleen	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
Heart		Inflammation	Chronic, Minimal
Intestine Small	Ileum	Hyperplasia	Lymphoid, Mild
Kidney		Nephropathy	Moderate
Liver		Basophilic Focus	Minimal
		Degeneration	Fatty, Minimal
	Bile Duct	Hyperplasia	Minimal
		Inflammation	Granulomatous, Focal, Mild
Note: DON'T THINK ANY LESION IS SEVERE ENOUGH TO CAUSE			
Note: A GROSS LESION			
Lung	Perivascular	Infiltration Cellular	Mononuclear CI, Minimal
Lymph Node	Mandibular	Hyperplasia	Mild
Mammary Gland		Galactocele	Minimal
Nose	Vomeronas Org	Inflammation	Suppurative, Minimal
		Inflammation	Suppurative, Minimal
		Inflammation	Minimal
Pancreas	Acinus	Atrophy	Moderate
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Note: GROSS LESION			
Note: DON'T THINK LESION IS SEVERE ENOUGH TO CAUSE			
Salivary Glands	Duct	Hyperplasia	Minimal
Thyroid Gland	C Cell	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9483

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9484

TRT#: 2

SEX: Female

DAY ON TEST: 597

DOSE: CONTROL FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Eye	Intestine Large - Cecum	Intestine Large - Colon
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 - Glandular	Thymus
Thyroid Gland	Trachea	Urinary Bladder	Uterus

MISSING

Esophagus	Intestine Large - Rectum	Parathyroid Gland
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OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Focal Cellular Change	Minimal
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Mild
Liver		Degeneration	Fatty, Mild
Nose		Fibrosarcoma	
Note: NASAL CAVITY. MORE TUMOR IS AVAILABLE IN WET TISSUE			
Note: TUMOR OCCLUDES RIGHT VENTRAL PORTION OF			
Pituitary Gland	Pars Distalis	Adenoma	
Stomach	Forestomach	Hyperplasia	Squamous, Moderate
	Forestomach	Ulcer	Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9485

TRT#: 2

SEX: Female

DAY ON TEST: 659

DOSE: CONTROL FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Eye	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Lymph Node - Bronchial
Mammary Gland	Ovary	Pancreas	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

MISSING

Parathyroid Gland

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Cortex	Leukemia Mononuclear	
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 1-5		
Liver		Basophilic Focus	Mild
		Hematopoietic Cell Proliferation	Minimal
		Inflammation	Granulomatous, Focal, Mild
		Leukemia Mononuclear	
Lung	Perivascular	Infiltration Cellular	Mononuclear CI, Minimal
Lymph Node	Mandibular	Hyperplasia	Mild
Nose		Inflammation	Minimal
		Inflammation	Suppurative, Minimal
Pharynx	Palate	Inflammation	Chronic, Mild
Pituitary Gland	Pars Distalis	Adenoma	
Note: [ADENOMA]	TGLs = 2-8		
Salivary Glands	Duct	Hyperplasia	Minimal
Spleen		Hematopoietic Cell Proliferation	Mild
Thyroid Gland	C Cell	Hyperplasia	Moderate
Uterus		Polyp Stromal	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9485

TRT#: 2

SEX: Female

DAY ON TEST: 659

DOSE: CONTROL FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9486

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Bone	Bone Marrow
Brain	Esophagus	Eye	Intestine Large - Cecum
Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Lymph Node - Bronchial	Lymph Node - Mandibular	Mammary Gland
Ovary	Parathyroid Gland	Salivary Glands	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

INSUFFICIENT TISSUE

Intestine Large - Rectum

OBSERVATIONS

Clitoral Gland	Duct	Hyperplasia	Moderate
Heart		Inflammation	Chronic, Mild
Kidney		Nephropathy	Mild
Larynx		Inflammation	Suppurative, Minimal
Liver		Basophilic Focus	Minimal
		Clear Cell Focus	Minimal
		Inflammation	Granulomatous, Focal, Minimal
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
	Perivascular	Infiltration Cellular	Mononuclear Cl, Minimal
Nose	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Mild
		Inflammation	Suppurative, Minimal
Pancreas	Acinus	Atrophy	Moderate
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Skin	Subcut Tiss	Inflammation	Chronic, Mild

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9487

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Clitoral Gland	Esophagus	Intestine Large - Cecum	Intestine Large - Colon
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Lymph Node - Bronchial	Lymph Node - Mandibular	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

MISSING

Intestine Large - Rectum

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
Eye	Retina	Atrophy	Minimal
Heart		Inflammation	Chronic, Minimal
Intestine Large	Anus	Parasite Metazoan	
Kidney		Nephropathy	Mild
Liver	Bile Duct	Hyperplasia	Minimal
		Inflammation	Granulomatous, Focal, Minimal
		Leukemia Mononuclear	
Note: NODULES AND MASS APPEAR TO BE THE REGENERATIVE/ Note: REACTIVE PROCESS SECONDARY TO LEUKEMIA. [Hyperplasia TGLS = 4-4+11] [Inflammation TGLS = 3-4+11]			
Lung		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-3			
Mammary Gland		Fibroadenoma	
[Fibroadenoma TGLS = 1-12+13]			
Nose	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Minimal
Ovary		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Hyperplasia	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9487

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Spleen

Leukemia Mononuclear

Thyroid Gland

C Cell

Hyperplasia

Minimal

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9488

TRT#: 2

SEX: Female

DAY ON TEST: 602

DOSE: CONTROL FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Eye	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	Lymph Node - Bronchial	Mammary Gland
Ovary	Parathyroid Gland	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Urinary Bladder
Uterus			

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Hematopoietic Cell Proliferation	Minimal
	Cortex	Hyperplasia	Mild
	Medulla	Pheochromocytoma Benign	
Heart		Inflammation	Chronic, Mild
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Liver		Degeneration	Fatty, Marked
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
Lung		Hemorrhage	Minimal
	Perivascular	Infiltration Cellular	Mononuclear CI, Minimal
		Leukemia Mononuclear	
Lymph Node	Mandibular	Hyperplasia	Mild
	Nose		Foreign Body
Nasolacrim Dct		Inflammation	Suppurative, Minimal
		Inflammation	Suppurative, Minimal
		Inflammation	Minimal
Pancreas			Thrombosis
	Acinus	Atrophy	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9488

TRT#: 2

SEX: Female

DAY ON TEST: 602

DOSE: CONTROL FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Pituitary Gland Note: HYPERPLASIA TGLs = 5-8	Pars Distalis	Hyperplasia	Marked
Salivary Glands Spleen [Leukemia Mononuclear TGLS = 2-12]	Duct	Hyperplasia Leukemia Mononuclear	Minimal
Trachea		Inflammation	Suppurative, Minimal
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9489

TRT#: 2

SEX: Female

DAY ON TEST: 679

DOSE: CONTROL FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Brain	Clitoral Gland	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Ovary	Pancreas	Salivary Glands	Spleen
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

MISSING

Parathyroid Gland

INSUFFICIENT TISSUE

Lymph Node - Bronchial

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Medulla	Hyperplasia	Moderate
Bone		Fracture	
Note: FRACTURE TGLs = 3-11			
Note: FRACTURE IS OLD			
Eye	Retina	Atrophy	Marked
	Lens	Degeneration	Moderate
	Cornea	Inflammation	Suppurative, Minimal
	Lens	Mineralization	Moderate
		Synechia	Moderate
[Mineralization TGLS = 7-14]			
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Marked
Note: NEPHROPATHY TGLs = 6-5			
Larynx		Inflammation	Suppurative, Mild
Liver		Basophilic Focus	Mild
		Degeneration	Fatty, Mild
		Inflammation	Granulomatous, Focal, Mild
Lung	Perivascular	Infiltration Cellular	Mononuclear CI, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9489

TRT#: 2

SEX: Female

DAY ON TEST: 679

DOSE: CONTROL FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Mammary Gland

Fibroadenoma

Note: FIBROADENOMA TGLs = 2-12

Nose

Inflammation

Suppurative, Minimal

Inflammation

Minimal

Pituitary Gland

Pars Distalis

Adenoma

Note: [ADENOMA] TGLs = 8-8

Skin

Keratoacanthoma

Note: KERATOACANTHOMA TGLs = 1-13

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9490

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Eye	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Larynx	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	Uterus		

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
	Medulla	Hyperplasia	Minimal
Heart		Inflammation	Chronic, Moderate
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Minimal
		Inflammation	Granulomatous, Focal, Minimal
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
	Perivascular	Infiltration Cellular	Mononuclear CI, Minimal
Nose	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Mild
Pituitary Gland	Pars Distalis	Degeneration	Cystic, Moderate

Note: DEGEN TGLs = 1-8

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9491

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Esophagus	Eye
Intestine Large - Cecum	Intestine Large - Colon	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Bronchial	Pancreas
Parathyroid Gland	Skin	Stomach - Forestomach	Stomach - Glandular
Thymus	Trachea	Urinary Bladder	Uterus

OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
	Cortex	Degeneration	Fatty, Mild
	Medulla	Hyperplasia	Mild
	Cortex	Leukemia Mononuclear	
Brain		Carcinoma	Metastatic (Pituitary Gland)
Note: CARCINOMA TGLs = 8-1+11			
Clitoral Gland		Adenoma	
[Adenoma TGLS = 1-7+14]			
Heart		Inflammation	Chronic, Mild
Intestine Large	Rectum	Parasite Metazoan	
Kidney		Nephropathy	Mild
Note: NEPHROPATHY TGLs = 6-5			
Larynx		Inflammation	Suppurative, Minimal
Liver	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
Note: NODULES APPEAR TO BE REGENERATION/RESPONSE			
Note: SECONDARY TO LEUKEMIA.			
Note: LEUKEMIA MONUC TGLs = 5-13			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Hyperplasia	Mild
Mammary Gland		Fibroadenoma	Multiple
Note: FIBROADENOMA TGLs = 3,4-15+16+17+18+19			
Nose	Respirat Epith	Hyperplasia	Minimal
	Nasolacrim Dct	Inflammation	Suppurative, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9491

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

	Vomeronas Org	Inflammation	Suppurative, Minimal
		Inflammation	Minimal
		Inflammation	Suppurative, Minimal
Ovary		Atrophy	Moderate
Pituitary Gland	Pars Distalis	Carcinoma	
Note: CARCINOMA	TGLs = 7-8		
Salivary Glands	Duct	Hyperplasia	Minimal
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-4		
Thyroid Gland	C Cell	Hyperplasia	Mild
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9492

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Eye	Heart	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Larynx	Ovary
Pancreas	Parathyroid Gland	Salivary Glands	Stomach - Forestomach
Stomach - Glandular	Thymus	Trachea	Urinary Bladder
Uterus			

MISSING

Lymph Node - Bronchial

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Focal Cellular Change	Minimal
Clitoral Gland		Inflammation	Suppurative, Mild
Kidney		Leukemia Mononuclear	
		Nephropathy	Moderate
Note: NEPHROPATHY TGLs = 3-5			
Liver		Basophilic Focus	Minimal
	Bile Duct	Hyperplasia	Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Leukemia Mononuclear	
Mammary Gland		Inflammation	Chronic, Moderate
Nose		Inflammation	Minimal
		Inflammation	Suppurative, Minimal
Pituitary Gland	Pars Distalis	Adenoma	
Skin	Subcut Tiss	Inflammation	Chronic, Moderate
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 1-4			
Thyroid Gland	C Cell	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9492

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:51:59

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9493

TRT#: 2

SEX: Female

DAY ON TEST: 573

DOSE: CONTROL FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	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	Lymph Node - Bronchial
Mammary Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Trachea	Urinary Bladder	

MISSING

Parathyroid Gland	Thymus		
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OBSERVATIONS

Adrenal Gland	Medulla	Hyperplasia	Mild
Kidney		Nephropathy	Minimal
Larynx		Inflammation	Mild
Liver		Hemorrhage	Marked
		Hepatodiaphragmatic Nodule	
	Bile Duct	Hyperplasia	Minimal
		Lymphoma Malignant Histiocytic	
		Necrosis	Moderate
Note: LYMPH MAL HIST	TGLs = 8-4+11		
Note: HEMORRHAGE	TGLs = 10-4+11		
Note: ANOM HEPAT LOB	TGLs = 9-11		
Lung		Lymphoma Malignant Histiocytic	
Lymph Node	Axillary	Hematopoietic Cell Proliferation	Mild
	Mandibular	Hematopoietic Cell Proliferation	Mild
	Axillary	Lymphoma Malignant Histiocytic	
	Mandibular	Lymphoma Malignant Histiocytic	
Note: LYMPH MAL HIST	TGLs = 2-14		
Note: LYMPH MAL HIST	TGLs = 1-14		
Mesentery		Lymphoma Malignant Histiocytic	
Nose	Nasolacrim Dct	Inflammation	Suppurative, Mild
		Inflammation	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:52:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9493

TRT#: 2

SEX: Female

DAY ON TEST: 573

DOSE: CONTROL FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Ovary

Inflammation

Suppurative, Minimal

Adenoma

Lymphoma Malignant Histiocytic

Pancreas

Acinus

Atrophy

Minimal

Pituitary Gland

Pars Distalis

Infiltration Cellular

Mixed Cell, Minimal

Note: CELLULAR INFILTRATE IS EMHP.

Spleen

Lymphoma Malignant Histiocytic

Note: LYMPH MAL HIST TGLs = 3-4+12,4-4+12,5-4+12

Note: NEOPLASM IS NOT TYPICAL OF MOMONUCLEAR CELL LEUKEMIA

Thyroid Gland

C Cell

Hyperplasia

Mild

Uterus

Inflammation

Suppurative, Moderate

Lymphoma Malignant Histiocytic

Polyp Stromal

Note: LYMPH MAL HIST TGLs = 6-13

Note: POLYP STROMAL TGLs = 6-13

Note: IS TYPICAL OF STROMAL POLYP

Note: TISSUE IS NECROTIC BUT PATTERN OF UTERINE LESION

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:52:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9494

TRT#: 2

SEX: Female

DAY ON TEST: 633

DOSE: CONTROL FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone Marrow	Brain	Clitoral Gland	Esophagus
Eye	Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum
Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic
Larynx	Mammary Gland	Ovary	Pancreas
Parathyroid Gland	Salivary Glands	Skin	Stomach - Forestomach
Stomach - Glandular	Thymus	Thyroid Gland	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Cortex	Leukemia Mononuclear	
	Bilateral, Medulla	Pheochromocytoma Benign	
Note: POSSIBLE LESION IN MEDULLA ON FIRST ADRENAL SLIDE			
Note: SO CUT A SECOND SLIDE AND FOUND THE TUMORS			
Bone		Osteopetrosis	Mild
Heart		Inflammation	Chronic, Minimal
	Atrium	Thrombosis	Mild
Kidney		Nephropathy	Mild
Liver		Basophilic Focus	Minimal
		Degeneration	Fatty, Moderate
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 3-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Hyperplasia	Mild
	Bronchial	Leukemia Mononuclear	
Nose		Inflammation	Minimal
		Thrombosis	Mild
Pituitary Gland	Pars Distalis	Hyperplasia	Mild
Note: [HYPERPLASIA] TGLs = 5-8			
Spleen		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 2-4			

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:52:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9494

TRT#: 2

SEX: Female

DAY ON TEST: 633

DOSE: CONTROL FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus

Polyp Stromal

Note: POLYP STROMAL TGLs = 1-11

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:52:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9495

TRT#: 2

SEX: Female

DAY ON TEST: 594

DOSE: CONTROL FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular
Ovary	Parathyroid Gland	Pituitary Gland	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

OBSERVATIONS

Adrenal Gland	Cortex	Hyperplasia	Mild
	Medulla	Hyperplasia	Moderate
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Eye		Leukemia Mononuclear	
Heart		Inflammation	Chronic, Minimal
		Leukemia Mononuclear	
Intestine Large	Cecum	Parasite Metazoan	
Kidney		Leukemia Mononuclear	
		Nephropathy	Minimal
Larynx		Inflammation	Suppurative, Minimal
Liver		Degeneration	Fatty, Moderate
		Leukemia Mononuclear	
[Degeneration TGLS = 3-4]			
Lung	Alveolus	Infiltration Cellular	Histiocyte, Minimal
		Leukemia Mononuclear	
Lymph Node	Bronchial	Inflammation	Granulomatous, Mild
	Bronchial	Leukemia Mononuclear	
Mammary Gland		Galactocele	Minimal
Nose	Respirat Epith	Hyperplasia	Minimal
	Nasolacrim Dct	Inflammation	Suppurative, Minimal
		Inflammation	Suppurative, Minimal
		Inflammation	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:52:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9495

TRT#: 2

SEX: Female

DAY ON TEST: 594

DOSE: CONTROL FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Pancreas		Leukemia Mononuclear	
Salivary Glands	Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-4]			
Thyroid Gland	C Cell	Hyperplasia	Moderate
Uterus		Polyp Stromal	
Note: IS TYPICAL OF STROMAL POLYP			
Note: TISSUE IS NECROTIC BUT PATTERN OF UTERINE LESION			
Note: POLYP STROMAL TGLs = 2-11			

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:52:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9496

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Medulla	Bone	Bone Marrow	Brain
Esophagus	Eye	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Jejunum	Islets, Pancreatic
Mammary Gland	Ovary	Pancreas	Salivary Glands
Skin	Stomach - Glandular	Thymus	Trachea
Urinary Bladder			

MISSING

Parathyroid Gland	Stomach - Forestomach
-------------------	-----------------------

OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Minimal
Clitoral Gland		Inflammation	Suppurative, Mild
Note: INFLAMMATION	TGLs = 1-7		
Heart		Inflammation	Chronic, Minimal
Intestine Small	Ileum	Hyperplasia	Lymphoid, Mild
Kidney		Nephropathy	Mild
Larynx		Inflammation	Suppurative, Minimal
Liver		Basophilic Focus	Mild
		Inflammation	Granulomatous, Focal, Mild
		Leukemia Mononuclear	
Lung		Leukemia Mononuclear	
Lymph Node	Bronchial	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
Nose		Inflammation	Mild
		Inflammation	Suppurative, Minimal
Pituitary Gland	Pars Distalis	Hyperplasia	Moderate
Spleen		Leukemia Mononuclear	
Thyroid Gland	C Cell	Hyperplasia	Mild
Uterus	Endometrium	Cyst	Multiple, Marked
Note: CYST	TGLs = 2-8		

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:52:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9496

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:52:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9497

TRT#: 2

SEX: Female

DAY ON TEST: 735

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

Eye

Heart

Intestine Large - Cecum

Intestine Large - Colon

Intestine Large - Rectum

Intestine Small - Duodenum

Intestine Small - Jejunum

Islets, Pancreatic

Larynx

Lymph Node - Bronchial

Lymph Node - Mandibular

Parathyroid Gland

Salivary Glands

Skin

Stomach - Forestomach

Stomach - Glandular

Trachea

Urinary Bladder

MISSING

Thymus

OBSERVATIONS

Intestine Small

Ileum

Hyperplasia

Lymphoid, Mild

Kidney

Nephropathy

Moderate

Note: NEPHROPATHY TGLs = 4-5

Liver

Basophilic Focus

Minimal

Degeneration

Fatty, Minimal

Leukemia Mononuclear

Lung

Perivascular

Infiltration Cellular

Mononuclear CI, Minimal

Mammary Gland

Adenocarcinoma

[Adenocarcinoma TGLS = 1-12]

Nose

Respirat Epith

Hyperplasia

Minimal

Vomeronas Org

Inflammation

Suppurative, Minimal

Inflammation

Minimal

Inflammation

Suppurative, Minimal

Ovary

Cyst

Pancreas

Acinus

Atrophy

Minimal

Pituitary Gland

Pars Distalis

Adenoma

Cyst

Mild

Note: ADENOMA TGLs = 3-8

Spleen

Leukemia Mononuclear

Thyroid Gland

C Cell

Hyperplasia

Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01
Test Type: CHRONIC
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
Test Compound: 2-Chloroacetophenone (CN)
CAS Number: 532-27-4

Date Report Requested: 10/23/2014
Time Report Requested: 09:52:00
First Dose M/F: NA / NA
Lab: BNW

ANIMAL ID: 9497

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Uterus

Adenoma

Note: ADENOMA IS PAPILLARY AND CYSTIC

[Adenoma TGLS = 2-11]

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:52:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9498

TRT#: 2

SEX: Female

DAY ON TEST: 687

DOSE: CONTROL FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Clitoral Gland	Esophagus
Intestine Large - Cecum	Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum
Intestine Small - Ileum	Intestine Small - Jejunum	Islets, Pancreatic	Mammary Gland
Pancreas	Skin	Trachea	

MISSING

Parathyroid Gland	Thymus
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OBSERVATIONS

Adrenal Gland	Cortex	Degeneration	Fatty, Mild
	Cortex	Hyperplasia	Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Brain		Leukemia Mononuclear	
		Leukemia Mononuclear	
Eye		Leukemia Mononuclear	
Heart		Leukemia Mononuclear	
Kidney		Leukemia Mononuclear	
		Nephropathy	Mild
Larynx		Inflammation	Suppurative, Minimal
Liver		Degeneration	Fatty, Moderate
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
Note: DEGEN	TGLs = 2-4		
Note: LEUKEMIA MONUC	TGLs = 2-4		
Lung		Leukemia Mononuclear	
Lymph Node	Bronchial	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
	Mesenteric	Leukemia Mononuclear	
Nose		Inflammation	Minimal
		Leukemia Mononuclear	
Ovary		Leukemia Mononuclear	
Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:52:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9498

TRT#: 2

SEX: Female

DAY ON TEST: 687

DOSE: CONTROL FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

[Adenoma TGLS = 3-8]	Pars Distalis	Leukemia Mononuclear	
Salivary Glands	Duct	Hyperplasia	Minimal
Spleen		Leukemia Mononuclear	
[Leukemia Mononuclear TGLS = 1-11]			
Stomach	Forestomach	Hyperplasia	Squamous, Marked
	Forestomach	Inflammation	Mild
	Forestomach	Leukemia Mononuclear	
	Glandular	Leukemia Mononuclear	
Note: HYPERPLASIA TGLs = 5-8			
Note: LEUKEMIA MONUC TGLs = 4-8			
Thyroid Gland	C Cell	Hyperplasia	Moderate
Urinary Bladder		Leukemia Mononuclear	
Uterus		Leukemia Mononuclear	
PRIMARY CAUSE OF DEATH	-		

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:52:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9499

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Gland - Cortex	Adrenal Gland - Medulla	Blood	Bone
Brain	Clitoral Gland	Esophagus	Intestine Large - Cecum
Intestine Large - Colon	Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum
Intestine Small - Jejunum	Islets, Pancreatic	Lymph Node - Mandibular	Ovary
Pancreas	Skin	Stomach - Forestomach	Stomach - Glandular
Thyroid Gland	Trachea	Urinary Bladder	Uterus

MISSING

Parathyroid Gland	Thymus
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OBSERVATIONS

Bone Marrow		Leukemia Mononuclear	
Eye	Retina	Atrophy	Minimal
	Lens	Degeneration	Minimal
		Leukemia Mononuclear	
Heart		Inflammation	Chronic, Minimal
Kidney		Nephropathy	Moderate
Note: NEPHROPATHY	TGLs = 1-5		
Larynx		Inflammation	Suppurative, Minimal
		Metaplasia	Squamous, Mild
Liver		Basophilic Focus	Minimal
		Inflammation	Granulomatous, Focal, Mild
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC	TGLs = 2-4		
Lung	Alveolar Epith	Hyperplasia	Moderate
		Inflammation	Chronic, Focal, Minimal
		Leukemia Mononuclear	
Lymph Node	Bronchial	Hyperplasia	Mild
Mammary Gland		Hyperplasia	Mild
Nose	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Mild
Pituitary Gland	Pars Distalis	Adenoma	

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:52:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9499

TRT#: 2

SEX: Female

DAY ON TEST: 735

DOSE: CONTROL FEMALE

DISP: Terminal Sacrifice

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Note: [ADENOMA] TGLs = 3-8

Salivary Glands

Duct

Hyperplasia

Minimal

Spleen

Leukemia Mononuclear

PRIMARY CAUSE OF DEATH

-

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:52:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9500

TRT#: 2

SEX: Female

DAY ON TEST: 679

DOSE: CONTROL FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Bone	Bone Marrow	Brain	Clitoral Gland
Esophagus	Eye	Intestine Large - Cecum	Intestine Large - Colon
Intestine Large - Rectum	Intestine Small - Duodenum	Intestine Small - Ileum	Intestine Small - Jejunum
Islets, Pancreatic	Pancreas	Parathyroid Gland	Skin
Stomach - Forestomach	Stomach - Glandular	Thymus	Thyroid Gland
Trachea	Urinary Bladder	Uterus	

OBSERVATIONS

Adrenal Gland	Cortex	Adenoma	
	Cortex	Focal Cellular Change	Mild
	Cortex	Leukemia Mononuclear	
	Medulla	Leukemia Mononuclear	
Clitoral Gl			
Note: WET TISSUE.			
Note: RECUT OF CLITORAL SLIDE SHOWED NO CLITORAL GLAND			
Note: NO SIGNIFICANT LESION IN RECUT IN TISSUE FROM			
Heart		Inflammation	Chronic, Mild
		Leukemia Mononuclear	
Kidney		Nephropathy	Mild
Larynx		Inflammation	Suppurative, Minimal
Liver		Degeneration	Fatty, Moderate
	Bile Duct	Hyperplasia	Minimal
		Leukemia Mononuclear	
Note: LEUKEMIA MONUC TGLs = 4-4			
Lung		Leukemia Mononuclear	
Lymph Node	Mandibular	Hyperplasia	Mild
	Bronchial	Leukemia Mononuclear	
	Mandibular	Leukemia Mononuclear	
Mammary Gland		Hyperplasia	Minimal
Nose	Respirat Epith	Hyperplasia	Minimal
		Inflammation	Suppurative, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 05097-01

Test Type: CHRONIC

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: Rat/F 344/N

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: 2-Chloroacetophenone (CN)

CAS Number: 532-27-4

Date Report Requested: 10/23/2014

Time Report Requested: 09:52:00

First Dose M/F: NA / NA

Lab: BNW

ANIMAL ID: 9500

TRT#: 2

SEX: Female

DAY ON TEST: 679

DOSE: CONTROL FEMALE

DISP: Moribund

HISTO:

ORGAN AND ACCOUNTABLE SITE STATUS

Inflammation

Moderate

Thrombosis

Mild

Note: INFLAMMATION TGLs = 5-10

Note: TO THE NASAL SEPTUM.

Note: GRANULATION TISSUE AND ADHESIONS OF TURBINATES

Note: FOCUS OF CHRONIC ACTIVE INFLAMMATION WITH

Ovary

Leukemia Mononuclear

Pituitary Gland

Pars Distalis

Adenoma

Pars Distalis

Leukemia Mononuclear

Note: ADENOMA TGLs = 3-8

Salivary Glands

Duct

Hyperplasia

Mild

Spleen

Leukemia Mononuclear

[Leukemia Mononuclear TGLS = 2-11]

PRIMARY CAUSE OF DEATH

-

**** END OF REPORT ****

* PROTOCOL REQUIRED TISSUE