

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

F1_Rev.2_M3

NTP Study Number: C20727
Lock Date: 08/21/2009
Cage Range: ALL
Date Range: ALL
Reasons For Removal: ALL
Removal Date Range: ALL
Treatment Groups: Include ALL
Study Gender: Both
TDMSE Version: 3.0.2.3_002
PWG Approval Date: NONE

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 1

TRT#: 1

SEX: Male

DAY ON TEST: 95

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 59555

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Gallbladder	Inflammation	Neutrophil, Minimal
* Skin		
Note: Skin, pinna - Normal		

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 2

TRT#: 1

SEX: Male

DAY ON TEST: 95

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 59556

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mediastinal	* Mammary Gland
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OBSERVATIONS

* Skin
Note: Skin, pinna - Normal

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 3

TRT#: 1

SEX: Male

DAY ON TEST: 95

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 59557

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Skin
Note: Skin, pinna - Normal

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 4

TRT#: 1

SEX: Male

DAY ON TEST: 95

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 59558

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Gallbladder	Inflammation	Neutrophil, Minimal
* Kidney	Nephropathy	Minimal
* Skin		

Note: Skin, pinna - Normal

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 5

TRT#: 1

SEX: Male

DAY ON TEST: 95

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 59559

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Mammary Gland
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OBSERVATIONS

* Skin
Note: Skin, pinna - Normal

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 6

TRT#: 1

SEX: Male

DAY ON TEST: 95

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 59560

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland
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OBSERVATIONS

* Kidney	Nephropathy	Minimal
* Skin		
Note: Skin, pinna - Normal		

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 7

TRT#: 1

SEX: Male

DAY ON TEST: 95

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 59561

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Skin

Note: Skin, pinna - Normal

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 8

TRT#: 1

SEX: Male

DAY ON TEST: 95

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 59562

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mediastinal	* Mammary Gland
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OBSERVATIONS

* Gallbladder	Inflammation	Neutrophil, Minimal
* Skin		

Note: Skin, pinna - Normal

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 9

TRT#: 1

SEX: Male

DAY ON TEST: 95

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 59563

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Gallbladder	Inflammation	Neutrophil, Minimal
* Skin		

Note: Skin, pinna - Normal

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 10

TRT#: 1

SEX: Male

DAY ON TEST: 95

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 59564

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland
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OBSERVATIONS

* Skin
Note: Skin, pinna - Normal

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 201

TRT#: 3

SEX: Male

DAY ON TEST: 95

DOSE: 0.44 ppm

DISP: Terminal Sacrifice

HISTO: 59655

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Epididymis
Testes

Eye
Thymus

* Larynx
Trachea

Lung

OBSERVATIONS

* Nose

Olfactory Epi
Respirat Epith
Olfactory Epi
Glands, Olfactory Epi

Accumulation, Hyaline Droplet
Accumulation, Hyaline Droplet
Atrophy
Hyperplasia
Inflammation

Moderate
Moderate
Moderate
Minimal
Suppurative, Mild

Respirat Epith
Respirat Epith
Epithelium, Hair Follicle

Metaplasia
Necrosis
Parakeratosis

Squamous, Mild
Minimal
Minimal

Skin

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 202

TRT#: 3

SEX: Male

DAY ON TEST: 95

DOSE: 0.44 ppm

DISP: Terminal Sacrifice

HISTO: 59656

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Epididymis
Skin

Eye
Thymus

* Larynx
Trachea

Lung

OBSERVATIONS

* Nose

Olfactory Epi
Respirat Epith
Olfactory Epi
Glands, Olfactory Epi

Accumulation, Hyaline Droplet
Accumulation, Hyaline Droplet
Atrophy
Hyperplasia
Inflammation

Moderate
Moderate
Moderate
Mild
Suppurative, Moderate

Respirat Epith
Olfactory Epi
Respirat Epith
Seminif Tub

Metaplasia
Metaplasia
Necrosis
Dilation

Squamous, Mild
Respiratory, Mild
Minimal
Focal, Minimal

Testes

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 203

TRT#: 3

SEX: Male

DAY ON TEST: 95

DOSE: 0.44 ppm

DISP: Terminal Sacrifice

HISTO: 59657

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Epididymis
Skin

Eye
Testes

* Larynx
Thymus

Lung
Trachea

OBSERVATIONS

* Nose

Olfactory Epi
Respirat Epith
Glands, Respirat Epith
Olfactory Epi
Glands, Olfactory Epi

Respirat Epith

Accumulation, Hyaline Droplet
Accumulation, Hyaline Droplet
Accumulation, Hyaline Droplet
Atrophy
Hyperplasia
Inflammation
Metaplasia

Moderate
Moderate
Mild
Mild
Minimal
Suppurative, Mild
Squamous, Minimal

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 204

TRT#: 3

SEX: Male

DAY ON TEST: 95

DOSE: 0.44 ppm

DISP: Terminal Sacrifice

HISTO: 59658

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Epididymis
Skin

Eye
Thymus

* Larynx
Trachea

Lung

OBSERVATIONS

* Nose

Olfactory Epi
Respirat Epith
Glands, Respirat Epith
Turbinat
Olfactory Epi
Glands, Olfactory Epi

Accumulation, Hyaline Droplet
Accumulation, Hyaline Droplet
Accumulation, Hyaline Droplet
Atrophy
Atrophy
Hyperplasia
Inflammation

Moderate
Moderate
Mild
Minimal
Mild
Minimal

Testes

Respirat Epith
Germinal Epith
Seminif Tub

Metaplasia
Depletion Cellular
Dilation

Suppurative, Mild
Squamous, Minimal
Multifocal, Minimal
Focal, Minimal

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 205

TRT#: 3

SEX: Male

DAY ON TEST: 95

DOSE: 0.44 ppm

DISP: Terminal Sacrifice

HISTO: 59659

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Epididymis
Testes

* Larynx
Thymus

Lung
Trachea

Skin

OBSERVATIONS

Eye
* Nose

Cornea
Olfactory Epi
Respirat Epith
Olfactory Epi
Glands, Olfactory Epi

Respirat Epith

Inflammation
Accumulation, Hyaline Droplet
Accumulation, Hyaline Droplet
Atrophy
Hyperplasia
Inflammation
Metaplasia

Suppurative, Mild
Moderate
Moderate
Mild
Minimal
Suppurative, Mild
Squamous, Mild

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 206

TRT#: 3

SEX: Male

DAY ON TEST: 95

DOSE: 0.44 ppm

DISP: Terminal Sacrifice

HISTO: 59660

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Epididymis
Skin

Eye
Testes

* Larynx
Thymus

Lung
Trachea

OBSERVATIONS

* Nose

Olfactory Epi
Respirat Epith
Glands, Respirat Epith
Turbinat
Olfactory Epi
Glands, Olfactory Epi

Respirat Epith

Accumulation, Hyaline Droplet
Accumulation, Hyaline Droplet
Accumulation, Hyaline Droplet
Atrophy
Atrophy
Hyperplasia
Inflammation
Metaplasia

Mild
Mild
Moderate
Minimal
Moderate
Mild
Suppurative, Mild
Squamous, Mild

Experiment Number: 20727 - 02
 Test Type: 90-DAY
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
 CAS Number: 643-79-8

Date Report Requested: 10/16/2015
 Time Report Requested: 12:33:56
 First Dose M/F: 01/19/09 / 01/19/09
 Lab: BNW

ANIMAL ID: 207

TRT#: 3

SEX: Male

DAY ON TEST: 95

DOSE: 0.44 ppm

DISP: Terminal Sacrifice

HISTO: 59661

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Epididymis
 Thymus

Eye
 Trachea

* Larynx

Lung

OBSERVATIONS

* Nose

Olfactory Epi
 Respirat Epith
 Glands, Respirat Epith
 Olfactory Epi
 Glands, Olfactory Epi

Accumulation, Hyaline Droplet
 Accumulation, Hyaline Droplet
 Accumulation, Hyaline Droplet
 Atrophy
 Hyperplasia
 Inflammation

Moderate
 Marked
 Mild
 Mild
 Mild
 Suppurative, Mild

Skin

Respirat Epith
 Adnexa

Metaplasia
 Degeneration
 Hyperplasia

Squamous, Mild
 Mild
 Squamous, Mild

[Hyperplasia TGLs = 1-12]

Testes

Germinal Epith

Depletion Cellular

Focal, Minimal

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 208

TRT#: 3

SEX: Male

DAY ON TEST: 95

DOSE: 0.44 ppm

DISP: Terminal Sacrifice

HISTO: 59662

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Epididymis
Skin

Eye
Testes

* Larynx
Thymus

Lung
Trachea

OBSERVATIONS

* Nose

Olfactory Epi
Glands, Respirat Epith
Respirat Epith
Olfactory Epi
Glands, Olfactory Epi

Respirat Epith

Accumulation, Hyaline Droplet
Accumulation, Hyaline Droplet
Accumulation, Hyaline Droplet
Atrophy
Hyperplasia
Inflammation
Metaplasia

Moderate
Minimal
Moderate
Mild
Mild
Suppurative, Mild
Squamous, Mild

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 209

TRT#: 3

SEX: Male

DAY ON TEST: 95

DOSE: 0.44 ppm

DISP: Terminal Sacrifice

HISTO: 59663

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Epididymis
Testes

Eye
Thymus

* Larynx
Trachea

Lung

OBSERVATIONS

* Nose

Olfactory Epi
Glands, Respirat Epith
Respirat Epith
Turbinat
Olfactory Epi
Glands, Olfactory Epi

Accumulation, Hyaline Droplet
Accumulation, Hyaline Droplet
Accumulation, Hyaline Droplet
Atrophy
Atrophy
Hyperplasia
Inflammation

Moderate
Mild
Moderate
Minimal
Mild
Minimal
Suppurative, Mild

Skin

Respirat Epith
Adnexa
Epithelium, Hair Follicle

Metaplasia
Degeneration
Parakeratosis

Squamous, Minimal
Minimal
Minimal

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 210

TRT#: 3

SEX: Male

DAY ON TEST: 95

DOSE: 0.44 ppm

DISP: Terminal Sacrifice

HISTO: 59664

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Epididymis
Testes

Eye
Thymus

* Larynx
Trachea

Lung

OBSERVATIONS

* Nose

Olfactory Epi
Respirat Epith
Glands, Respirat Epith
Turbinat
Olfactory Epi
Glands, Olfactory Epi

Accumulation, Hyaline Droplet
Accumulation, Hyaline Droplet
Accumulation, Hyaline Droplet
Atrophy
Atrophy
Hyperplasia
Inflammation

Moderate
Moderate
Mild
Minimal
Mild
Minimal
Suppurative, Mild

Skin

Respirat Epith
Epithelium, Hair Follicle

Metaplasia
Parakeratosis

Squamous, Mild
Minimal

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 401

TRT#: 5

SEX: Male

DAY ON TEST: 95

DOSE: 0.88 ppm

DISP: Terminal Sacrifice

HISTO: 59635

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Epididymis
Skin

Eye
Testes

* Larynx
Thymus

Lung
* Trachea

OBSERVATIONS

* Nose

Olfactory Epi
 Glands, Respirat Epith
 Respirat Epith
 Olfactory Epi
 Turbinate
 Glands, Olfactory Epi

 Respirat Epith
 Olfactory Epi
 Respirat Epith

Accumulation, Hyaline Droplet
 Accumulation, Hyaline Droplet
 Accumulation, Hyaline Droplet
 Atrophy
 Atrophy
 Hyperplasia
 Inflammation
 Metaplasia
 Metaplasia
 Necrosis

Moderate
 Minimal
 Marked
 Mild
 Mild
 Mild
 Suppurative, Moderate
 Squamous, Mild
 Respiratory, Mild
 Minimal

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 402

TRT#: 5

SEX: Male

DAY ON TEST: 95

DOSE: 0.88 ppm

DISP: Terminal Sacrifice

HISTO: 59636

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Epididymis
Skin

Eye
Testes

* Larynx
Thymus

Lung
* Trachea

OBSERVATIONS

* Nose

Olfactory Epi
Respirat Epith
Glands, Respirat Epith
Olfactory Epi
Glands, Olfactory Epi

Respirat Epith

Accumulation, Hyaline Droplet
Accumulation, Hyaline Droplet
Accumulation, Hyaline Droplet
Atrophy
Hyperplasia
Inflammation
Metaplasia

Moderate
Marked
Moderate
Mild
Minimal
Suppurative, Mild
Squamous, Minimal

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 403

TRT#: 5

SEX: Male

DAY ON TEST: 95

DOSE: 0.88 ppm

DISP: Terminal Sacrifice

HISTO: 59637

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Epididymis
Skin

Eye
Testes

* Larynx
Thymus

Lung
* Trachea

OBSERVATIONS

* Nose

Olfactory Epi
 Respirat Epith
 Glands, Respirat Epith
 Olfactory Epi
 Glands, Olfactory Epi

 Respirat Epith
 Olfactory Epi
 Respirat Epith

Accumulation, Hyaline Droplet
 Accumulation, Hyaline Droplet
 Accumulation, Hyaline Droplet
 Atrophy
 Hyperplasia
 Inflammation
 Metaplasia
 Metaplasia
 Necrosis

Moderate
 Marked
 Moderate
 Mild
 Mild
 Suppurative, Mild
 Squamous, Mild
 Respiratory, Minimal
 Minimal

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 404

TRT#: 5

SEX: Male

DAY ON TEST: 95

DOSE: 0.88 ppm

DISP: Terminal Sacrifice

HISTO: 59638

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Epididymis
Skin

Eye
Thymus

* Larynx
* Trachea

Lung

OBSERVATIONS

* Nose

Olfactory Epi
Respirat Epith
Glands, Respirat Epith
Olfactory Epi
Glands, Olfactory Epi

Accumulation, Hyaline Droplet
Accumulation, Hyaline Droplet
Accumulation, Hyaline Droplet
Atrophy
Hyperplasia
Inflammation

Moderate
Marked
Mild
Mild
Mild

Testes

Respirat Epith
Olfactory Epi
Germinal Epith

Metaplasia
Metaplasia
Depletion Cellular

Suppurative, Mild
Squamous, Mild
Respiratory, Minimal
Multifocal, Minimal

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 405

TRT#: 5

SEX: Male

DAY ON TEST: 95

DOSE: 0.88 ppm

DISP: Terminal Sacrifice

HISTO: 59639

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Epididymis
Skin

Eye
Testes

* Larynx
Thymus

Lung
* Trachea

OBSERVATIONS

* Nose

Olfactory Epi
Respirat Epith
Glands, Respirat Epith
Turbinate
Olfactory Epi
Glands, Olfactory Epi

Respirat Epith
Olfactory Epi
Respirat Epith

Accumulation, Hyaline Droplet
Accumulation, Hyaline Droplet
Accumulation, Hyaline Droplet
Atrophy
Atrophy
Hyperplasia
Inflammation
Metaplasia
Metaplasia
Necrosis

Moderate
Moderate
Moderate
Mild
Mild
Minimal
Suppurative, Moderate
Squamous, Mild
Respiratory, Minimal
Mild

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 406

TRT#: 5

SEX: Male

DAY ON TEST: 95

DOSE: 0.88 ppm

DISP: Terminal Sacrifice

HISTO: 59640

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Epididymis
Testes

Eye
Thymus

* Larynx
* Trachea

Lung

OBSERVATIONS

* Nose

Olfactory Epi
Respirat Epith
Glands, Respirat Epith
Turbinat
Olfactory Epi
Glands, Olfactory Epi

Accumulation, Hyaline Droplet
Accumulation, Hyaline Droplet
Accumulation, Hyaline Droplet
Atrophy
Atrophy
Hyperplasia

Moderate
Moderate
Mild
Mild
Mild
Mild

Respirat Epith
Olfactory Epi
Respirat Epith
Respirat Epith
Respirat Epith
Skin
Epithelium, Hair Follicle

Inflammation
Metaplasia
Metaplasia
Necrosis
Regeneration
Ulcer
Parakeratosis

Suppurative, Moderate
Squamous, Mild
Respiratory, Minimal
Mild
Minimal
Minimal
Minimal

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 407

TRT#: 5

SEX: Male

DAY ON TEST: 95

DOSE: 0.88 ppm

DISP: Terminal Sacrifice

HISTO: 59641

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Epididymis
Testes

Eye
Thymus

* Larynx
* Trachea

Lung

OBSERVATIONS

* Nose

Olfactory Epi
 Respirat Epith
 Glands, Respirat Epith
 Turbinate
 Olfactory Epi
 Glands, Olfactory Epi

 Respirat Epith
 Olfactory Epi
 Olfactory Epi
 Skin
 Epithelium, Hair Follicle

Accumulation, Hyaline Droplet
 Accumulation, Hyaline Droplet
 Accumulation, Hyaline Droplet
 Atrophy
 Atrophy
 Hyperplasia
 Inflammation
 Metaplasia
 Metaplasia
 Metaplasia
 Parakeratosis

Moderate
 Marked
 Moderate
 Minimal
 Mild
 Minimal
 Suppurative, Moderate
 Squamous, Moderate
 Squamous, Mild
 Respiratory, Mild
 Minimal

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 408

TRT#: 5

SEX: Male

DAY ON TEST: 95

DOSE: 0.88 ppm

DISP: Terminal Sacrifice

HISTO: 59642

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Epididymis
Thymus

Eye
* Trachea

Lung

Testes

INSUFFICIENT TISSUE

* Larynx

OBSERVATIONS

* Nose

Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
Respirat Epith	Accumulation, Hyaline Droplet	Moderate
Glands, Respirat Epith	Accumulation, Hyaline Droplet	Moderate
Olfactory Epi	Atrophy	Mild
Glands, Olfactory Epi	Hyperplasia	Mild
	Inflammation	Suppurative, Moderate
Respirat Epith	Metaplasia	Squamous, Moderate
Olfactory Epi	Metaplasia	Squamous, Mild
Olfactory Epi	Metaplasia	Respiratory, Mild
Respirat Epith	Necrosis	Minimal
Respirat Epith	Ulcer	Minimal
Skin	Epithelium, Hair Follicle	Parakeratosis
		Minimal

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 409

TRT#: 5

SEX: Male

DAY ON TEST: 95

DOSE: 0.88 ppm

DISP: Terminal Sacrifice

HISTO: 59643

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Epididymis
Thymus

Eye
* Trachea

Lung

Testes

OBSERVATIONS

* Larynx
* Nose

Olfactory Epi
 Respirat Epith
 Glands, Respirat Epith
 Turbinate
 Olfactory Epi
 Glands, Olfactory Epi

 Respirat Epith
 Olfactory Epi
 Epithelium, Hair Follicle

Metaplasia
 Accumulation, Hyaline Droplet
 Accumulation, Hyaline Droplet
 Accumulation, Hyaline Droplet
 Atrophy
 Atrophy
 Hyperplasia
 Inflammation
 Metaplasia
 Metaplasia
 Parakeratosis

Squamous, Minimal
 Moderate
 Moderate
 Minimal
 Mild
 Mild
 Minimal
 Suppurative, Moderate
 Squamous, Mild
 Respiratory, Minimal
 Minimal

Skin

Experiment Number: 20727 - 02
 Test Type: 90-DAY
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
 CAS Number: 643-79-8

Date Report Requested: 10/16/2015
 Time Report Requested: 12:33:56
 First Dose M/F: 01/19/09 / 01/19/09
 Lab: BNW

ANIMAL ID: 410

TRT#: 5

SEX: Male

DAY ON TEST: 95

DOSE: 0.88 ppm

DISP: Terminal Sacrifice

HISTO: 59644

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Epididymis
 Skin

Eye
 Testes

* Larynx
 Thymus

Lung
 * Trachea

OBSERVATIONS

* Nose

Olfactory Epi
 Respirat Epith
 Glands, Respirat Epith
 Turbinate
 Olfactory Epi
 Glands, Olfactory Epi

 Respirat Epith
 Respirat Epith
 Respirat Epith

Accumulation, Hyaline Droplet
 Accumulation, Hyaline Droplet
 Accumulation, Hyaline Droplet
 Atrophy
 Atrophy
 Hyperplasia
 Inflammation
 Metaplasia
 Necrosis
 Ulcer

Moderate
 Moderate
 Moderate
 Minimal
 Minimal
 Mild
 Suppurative, Moderate
 Squamous, Mild
 Minimal
 Minimal

Experiment Number: 20727 - 02
 Test Type: 90-DAY
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
 CAS Number: 643-79-8

Date Report Requested: 10/16/2015
 Time Report Requested: 12:33:56
 First Dose M/F: 01/19/09 / 01/19/09
 Lab: BNW

ANIMAL ID: 601

TRT#: 7

SEX: Male

DAY ON TEST: 95

DOSE: 1.75 ppm

DISP: Terminal Sacrifice

HISTO: 59615

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Mammary Gland	* Skin
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OBSERVATIONS

* Bone Marrow		Hyperplasia	Minimal
* Kidney		Nephropathy	Minimal
* Larynx		Metaplasia	Squamous, Moderate
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Accumulation, Hyaline Droplet	Marked
	Turbinate	Atrophy	Moderate
	Olfactory Epi	Atrophy	Moderate
	Glands, Olfactory Epi	Hyperplasia	Mild
		Inflammation	Suppurative, Marked
	Respirat Epith	Metaplasia	Squamous, Mild
	Olfactory Epi	Metaplasia	Respiratory, Moderate
* Trachea		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20727 - 02
 Test Type: 90-DAY
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
 CAS Number: 643-79-8

Date Report Requested: 10/16/2015
 Time Report Requested: 12:33:56
 First Dose M/F: 01/19/09 / 01/19/09
 Lab: BNW

ANIMAL ID: 602

TRT#: 7

SEX: Male

DAY ON TEST: 95

DOSE: 1.75 ppm

DISP: Terminal Sacrifice

HISTO: 59616

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Larynx		Inflammation	Chronic Active, Minimal
		Metaplasia	Squamous, Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Accumulation, Hyaline Droplet	Marked
	Glands, Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Turbinate	Atrophy	Moderate
	Olfactory Epi	Atrophy	Moderate
		Inflammation	Suppurative, Marked
	Respirat Epith	Metaplasia	Squamous, Moderate
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Respirat Epith	Necrosis	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20727 - 02
 Test Type: 90-DAY
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
 CAS Number: 643-79-8

Date Report Requested: 10/16/2015
 Time Report Requested: 12:33:56
 First Dose M/F: 01/19/09 / 01/19/09
 Lab: BNW

ANIMAL ID: 603

TRT#: 7

SEX: Male

DAY ON TEST: 95

DOSE: 1.75 ppm

DISP: Terminal Sacrifice

HISTO: 59617

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Mammary Gland
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OBSERVATIONS

* Larynx		Metaplasia	Squamous, Moderate
		Ulcer	Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Accumulation, Hyaline Droplet	Marked
	Glands, Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Turbinate	Atrophy	Marked
	Olfactory Epi	Atrophy	Moderate
	Glands, Olfactory Epi	Hyperplasia	Minimal
		Inflammation	Suppurative, Marked
	Respirat Epith	Metaplasia	Squamous, Mild
	Olfactory Epi	Metaplasia	Respiratory, Minimal
	Respirat Epith	Necrosis	Minimal
* Trachea		Metaplasia	Squamous, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20727 - 02
 Test Type: 90-DAY
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
 CAS Number: 643-79-8

Date Report Requested: 10/16/2015
 Time Report Requested: 12:33:56
 First Dose M/F: 01/19/09 / 01/19/09
 Lab: BNW

ANIMAL ID: 604

TRT#: 7

SEX: Male

DAY ON TEST: 95

DOSE: 1.75 ppm

DISP: Terminal Sacrifice

HISTO: 59618

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mediastinal	* Mammary Gland
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OBSERVATIONS

* Larynx		Metaplasia	Squamous, Moderate
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Accumulation, Hyaline Droplet	Moderate
	Turbinate	Atrophy	Moderate
	Olfactory Epi	Atrophy	Moderate
	Glands, Olfactory Epi	Hyperplasia	Mild
		Inflammation	Suppurative, Marked
	Respirat Epith	Metaplasia	Squamous, Moderate
	Olfactory Epi	Metaplasia	Respiratory, Moderate
* Skin	Adnexa	Degeneration	Mild
* Trachea		Metaplasia	Squamous, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20727 - 02
 Test Type: 90-DAY
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
 CAS Number: 643-79-8

Date Report Requested: 10/16/2015
 Time Report Requested: 12:33:56
 First Dose M/F: 01/19/09 / 01/19/09
 Lab: BNW

ANIMAL ID: 605

TRT#: 7

SEX: Male

DAY ON TEST: 95

DOSE: 1.75 ppm

DISP: Terminal Sacrifice

HISTO: 59619

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mediastinal	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Larynx		Inflammation	Chronic Active, Minimal
		Metaplasia	Squamous, Moderate
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
	Glands, Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Accumulation, Hyaline Droplet	Marked
	Turbinate	Atrophy	Mild
	Olfactory Epi	Atrophy	Mild
	Glands, Olfactory Epi	Hyperplasia	Minimal
		Inflammation	Suppurative, Marked
	Respirat Epith	Metaplasia	Squamous, Moderate
	Olfactory Epi	Metaplasia	Squamous, Minimal
	Olfactory Epi	Metaplasia	Respiratory, Minimal
	Respirat Epith	Necrosis	Minimal
* Skin	Adnexa	Degeneration	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20727 - 02
 Test Type: 90-DAY
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
 CAS Number: 643-79-8

Date Report Requested: 10/16/2015
 Time Report Requested: 12:33:56
 First Dose M/F: 01/19/09 / 01/19/09
 Lab: BNW

ANIMAL ID: 606

TRT#: 7

SEX: Male

DAY ON TEST: 95

DOSE: 1.75 ppm

DISP: Terminal Sacrifice

HISTO: 59620

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland
* Parathyroid Gland			

OBSERVATIONS

* Larynx		Metaplasia	Squamous, Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Accumulation, Hyaline Droplet	Moderate
	Turbinate	Atrophy	Moderate
	Olfactory Epi	Atrophy	Moderate
	Glands, Olfactory Epi	Hyperplasia	Mild
		Inflammation	Suppurative, Marked
	Respirat Epith	Metaplasia	Squamous, Moderate
	Olfactory Epi	Metaplasia	Respiratory, Mild
* Skin	Adnexa	Degeneration	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20727 - 02
 Test Type: 90-DAY
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
 CAS Number: 643-79-8

Date Report Requested: 10/16/2015
 Time Report Requested: 12:33:56
 First Dose M/F: 01/19/09 / 01/19/09
 Lab: BNW

ANIMAL ID: 607

TRT#: 7

SEX: Male

DAY ON TEST: 95

DOSE: 1.75 ppm

DISP: Terminal Sacrifice

HISTO: 59621

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland
* Pituitary Gland			

OBSERVATIONS

* Larynx		Inflammation	Chronic Active, Minimal
		Metaplasia	Squamous, Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Accumulation, Hyaline Droplet	Marked
	Turbinate	Atrophy	Moderate
	Olfactory Epi	Atrophy	Mild
	Glands, Olfactory Epi	Hyperplasia	Mild
		Inflammation	Suppurative, Marked
	Respirat Epith	Metaplasia	Squamous, Mild
	Olfactory Epi	Metaplasia	Respiratory, Minimal
* Trachea		Metaplasia	Squamous, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20727 - 02
 Test Type: 90-DAY
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
 CAS Number: 643-79-8

Date Report Requested: 10/16/2015
 Time Report Requested: 12:33:56
 First Dose M/F: 01/19/09 / 01/19/09
 Lab: BNW

ANIMAL ID: 608

TRT#: 7

SEX: Male

DAY ON TEST: 95

DOSE: 1.75 ppm

DISP: Terminal Sacrifice

HISTO: 59622

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland
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OBSERVATIONS

* Larynx		Metaplasia	Squamous, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
	Respirat Epith	Accumulation, Hyaline Droplet	Marked
	Glands, Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Turbinate	Atrophy	Moderate
	Olfactory Epi	Atrophy	Moderate
	Glands, Olfactory Epi	Hyperplasia	Mild
		Inflammation	Suppurative, Marked
	Respirat Epith	Metaplasia	Squamous, Moderate
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Respirat Epith	Necrosis	Mild
* Skin		Inflammation	Chronic Active, Minimal
	Epithelium, Hair Follicle	Parakeratosis	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20727 - 02
 Test Type: 90-DAY
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
 CAS Number: 643-79-8

Date Report Requested: 10/16/2015
 Time Report Requested: 12:33:56
 First Dose M/F: 01/19/09 / 01/19/09
 Lab: BNW

ANIMAL ID: 609

TRT#: 7

SEX: Male

DAY ON TEST: 95

DOSE: 1.75 ppm

DISP: Terminal Sacrifice

HISTO: 59623

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Gallbladder	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Mammary Gland			

OBSERVATIONS

* Bone Marrow		Hyperplasia	Minimal
* Larynx		Inflammation	Chronic Active, Minimal
		Metaplasia	Squamous, Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Accumulation, Hyaline Droplet	Marked
	Glands, Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Turbinate	Atrophy	Mild
	Olfactory Epi	Atrophy	Mild
		Inflammation	Suppurative, Marked
	Respirat Epith	Metaplasia	Squamous, Moderate
	Olfactory Epi	Metaplasia	Respiratory, Minimal
	Respirat Epith	Necrosis	Minimal
* Skin	Epithelium, Hair Follicle	Parakeratosis	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 610

TRT#: 7

SEX: Male

DAY ON TEST: 95

DOSE: 1.75 ppm

DISP: Terminal Sacrifice

HISTO: 59624

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mediastinal	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Larynx		Metaplasia	Squamous, Moderate
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Glands, Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Accumulation, Hyaline Droplet	Marked
	Turbinate	Atrophy	Mild
	Olfactory Epi	Atrophy	Mild
		Inflammation	Suppurative, Marked
	Respirat Epith	Metaplasia	Squamous, Moderate
	Olfactory Epi	Metaplasia	Respiratory, Moderate
* Skin	Adnexa	Degeneration	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20727 - 02
 Test Type: 90-DAY
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
 CAS Number: 643-79-8

Date Report Requested: 10/16/2015
 Time Report Requested: 12:33:56
 First Dose M/F: 01/19/09 / 01/19/09
 Lab: BNW

ANIMAL ID: 801

TRT#: 9

SEX: Male

DAY ON TEST: 95

DOSE: 3.5 ppm

DISP: Terminal Sacrifice

HISTO: 59595

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Mammary Gland
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OBSERVATIONS

* Larynx		Inflammation	Chronic Active, Minimal
		Metaplasia	Squamous, Marked
* Lung	Perivascular	Inflammation	Chronic Active, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Accumulation, Hyaline Droplet	Mild
	Turbinate	Atrophy	Moderate
	Olfactory Epi	Atrophy	Mild
	Glands, Olfactory Epi	Hyperplasia	Mild
		Inflammation	Suppurative, Moderate
	Respirat Epith	Metaplasia	Squamous, Moderate
* Preputial Gland		Inflammation	Chronic Active, Marked
* Skin		Hyperplasia	Squamous, Mild
		Inflammation	Chronic Active, Minimal
* Testes	Germinal Epith	Depletion Cellular	Multifocal, Minimal
* Trachea		Inflammation	Chronic Active, Minimal
		Metaplasia	Squamous, Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20727 - 02
 Test Type: 90-DAY
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
 CAS Number: 643-79-8

Date Report Requested: 10/16/2015
 Time Report Requested: 12:33:56
 First Dose M/F: 01/19/09 / 01/19/09
 Lab: BNW

ANIMAL ID: 802

TRT#: 9

SEX: Male

DAY ON TEST: 39

DOSE: 3.5 ppm

DISP: Moribund Sacrifice

HISTO: 59596

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Mammary Gland
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OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Epididymis	Duct	Exfoliated Germ Cell	Minimal
* Eye	Cornea	Inflammation	Suppurative, Minimal
	Cornea	Necrosis	Minimal
* Larynx		Inflammation	Chronic Active, Minimal
		Metaplasia	Squamous, Marked
* Liver		Necrosis	Minimal
* Lung	Bronchiole, Goblet Cell	Hyperplasia	Minimal
	Bronchus	Necrosis	Minimal
	Bronchus	Regeneration	Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
	Respirat Epith	Accumulation, Hyaline Droplet	Moderate
	Olfactory Epi	Atrophy	Mild
	Glands, Olfactory Epi	Hyperplasia	Minimal
		Inflammation	Suppurative, Moderate
	Respirat Epith	Metaplasia	Squamous, Moderate
	Respirat Epith	Necrosis	Moderate
	Respirat Epith	Regeneration	Mild
* Skin		Hyperplasia	Squamous, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 802

TRT#: 9

SEX: Male

DAY ON TEST: 39

DOSE: 3.5 ppm

DISP: Moribund Sacrifice

HISTO: 59596

ORGAN AND ACCOUNTABLE SITE STATUS

		Epithelium, Hair Follicle	Inflammation Parakeratosis	Chronic Active, Mild Minimal
[Inflammation	TGLs = 1-12]			
* Testes		Interstit Cell Germinal Epith	Atrophy Depletion Cellular	Mild Multifocal, Minimal
* Thymus			Atrophy	Lymphoid, Mild
* Trachea			Inflammation Metaplasia	Chronic Active, Minimal Squamous, Mild

Experiment Number: 20727 - 02
 Test Type: 90-DAY
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
 CAS Number: 643-79-8

Date Report Requested: 10/16/2015
 Time Report Requested: 12:33:56
 First Dose M/F: 01/19/09 / 01/19/09
 Lab: BNW

ANIMAL ID: 803

TRT#: 9

SEX: Male

DAY ON TEST: 39

DOSE: 3.5 ppm

DISP: Moribund Sacrifice

HISTO: 59597

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Gallbladder	* Mammary Gland
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OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Larynx		Inflammation	Chronic Active, Mild
		Metaplasia	Squamous, Marked
		Necrosis	Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
	Respirat Epith	Accumulation, Hyaline Droplet	Moderate
	Olfactory Epi	Atrophy	Moderate
	Glands, Olfactory Epi	Hyperplasia	Minimal
		Inflammation	Suppurative, Moderate
	Respirat Epith	Metaplasia	Squamous, Mild
	Respirat Epith	Necrosis	Moderate
* Skin		Hyperplasia	Squamous, Mild
		Inflammation	Chronic Active, Mild
	Epithelium, Hair Follicle	Parakeratosis	Mild
	[Inflammation TGLs = 1-12]		
* Testes	Interstit Cell	Atrophy	Mild
* Thymus		Atrophy	Lymphoid, Mild
* Trachea		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 803

TRT#: 9

SEX: Male

DAY ON TEST: 39

DOSE: 3.5 ppm

DISP: Moribund Sacrifice

HISTO: 59597

ORGAN AND ACCOUNTABLE SITE STATUS

Metaplasia

Squamous, Mild

Experiment Number: 20727 - 02
 Test Type: 90-DAY
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
 CAS Number: 643-79-8

Date Report Requested: 10/16/2015
 Time Report Requested: 12:33:56
 First Dose M/F: 01/19/09 / 01/19/09
 Lab: BNW

ANIMAL ID: 804

TRT#: 9

SEX: Male

DAY ON TEST: 95

DOSE: 3.5 ppm

DISP: Terminal Sacrifice

HISTO: 59598

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Kidney		Inflammation	Chronic Active, Marked
	[Inflammation TGLs = 1-6]		
* Larynx		Inflammation	Chronic Active, Mild
		Metaplasia	Squamous, Marked
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Accumulation, Hyaline Droplet	Mild
	Turbinate	Atrophy	Mild
	Olfactory Epi	Atrophy	Moderate
		Inflammation	Suppurative, Marked
	Respirat Epith	Metaplasia	Squamous, Mild
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Respirat Epith	Necrosis	Mild
* Seminal Vesicle		Inflammation	Chronic, Mild
* Skin	Adnexa	Degeneration	Minimal
		Inflammation	Chronic Active, Minimal
* Thymus		Atrophy	Lymphoid, Minimal
* Trachea		Inflammation	Chronic Active, Minimal
		Metaplasia	Squamous, Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20727 - 02
 Test Type: 90-DAY
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
 CAS Number: 643-79-8

Date Report Requested: 10/16/2015
 Time Report Requested: 12:33:56
 First Dose M/F: 01/19/09 / 01/19/09
 Lab: BNW

ANIMAL ID: 805

TRT#: 9

SEX: Male

DAY ON TEST: 32

DOSE: 3.5 ppm

DISP: Moribund Sacrifice

HISTO: 59599

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Mammary Gland	* Thymus
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OBSERVATIONS

* Bone Marrow		Hyperplasia	Minimal
* Epididymis	Duct	Exfoliated Germ Cell	Minimal
* Larynx		Inflammation	Chronic Active, Mild
		Metaplasia	Squamous, Marked
* Lung	Bronchiole, Goblet Cell	Hyperplasia	Minimal
	Bronchus	Necrosis	Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Turbinate	Atrophy	Mild
	Olfactory Epi	Atrophy	Mild
		Inflammation	Suppurative, Mild
	Respirat Epith	Metaplasia	Squamous, Mild
	Respirat Epith	Necrosis	Mild
* Skin		Hyperplasia	Squamous, Minimal
		Inflammation	Chronic Active, Mild
* Testes	Germinal Epith	Depletion Cellular	Multifocal, Mild
* Trachea		Inflammation	Chronic Active, Minimal
		Metaplasia	Squamous, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20727 - 02
 Test Type: 90-DAY
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
 CAS Number: 643-79-8

Date Report Requested: 10/16/2015
 Time Report Requested: 12:33:56
 First Dose M/F: 01/19/09 / 01/19/09
 Lab: BNW

ANIMAL ID: 806

TRT#: 9

SEX: Male

DAY ON TEST: 33

DOSE: 3.5 ppm

DISP: Moribund Sacrifice

HISTO: 59600

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mediastinal	* Mammary Gland
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OBSERVATIONS

* Bone Marrow		Hyperplasia	Minimal
* Larynx		Inflammation	Chronic Active, Minimal
		Metaplasia	Squamous, Marked
* Liver		Necrosis	Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Turbinate	Atrophy	Mild
	Olfactory Epi	Atrophy	Mild
		Inflammation	Suppurative, Moderate
	Respirat Epith	Metaplasia	Squamous, Mild
	Respirat Epith	Necrosis	Minimal
* Skin		Hyperplasia	Squamous, Mild
		Inflammation	Chronic Active, Mild
	[Inflammation TGLs = 1-12]		
* Testes	Germinal Epith	Depletion Cellular	Multifocal, Minimal
* Thymus		Atrophy	Lymphoid, Minimal
* Trachea		Metaplasia	Squamous, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20727 - 02
 Test Type: 90-DAY
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
 CAS Number: 643-79-8

Date Report Requested: 10/16/2015
 Time Report Requested: 12:33:56
 First Dose M/F: 01/19/09 / 01/19/09
 Lab: BNW

ANIMAL ID: 807

TRT#: 9

SEX: Male

DAY ON TEST: 95

DOSE: 3.5 ppm

DISP: Terminal Sacrifice

HISTO: 59601

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mediastinal	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Epididymis	Duct	Exfoliated Germ Cell	Minimal
* Kidney		Nephropathy	Minimal
* Larynx		Inflammation	Chronic Active, Minimal
		Metaplasia	Squamous, Marked
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Accumulation, Hyaline Droplet	Moderate
	Turbinate	Atrophy	Moderate
	Olfactory Epi	Atrophy	Moderate
	Glands, Olfactory Epi	Hyperplasia	Mild
		Inflammation	Suppurative, Marked
	Respirat Epith	Metaplasia	Squamous, Moderate
	Olfactory Epi	Metaplasia	Respiratory, Minimal
	Respirat Epith	Necrosis	Mild
* Skin		Hyperplasia	Squamous, Mild
		Inflammation	Chronic Active, Mild
		Ulcer	Minimal
	[Inflammation TGLs = 1-12]		
* Stomach, Forestomach		Hyperplasia	Squamous, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 807

TRT#: 9

SEX: Male

DAY ON TEST: 95

DOSE: 3.5 ppm

DISP: Terminal Sacrifice

HISTO: 59601

ORGAN AND ACCOUNTABLE SITE STATUS

* Testes

Germinal Epith

Depletion Cellular

Multifocal, Minimal

* Trachea

Inflammation

Chronic Active, Mild

Metaplasia

Squamous, Marked

Experiment Number: 20727 - 02
 Test Type: 90-DAY
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

ortho-Phthalaldehyde
 CAS Number: 643-79-8

Date Report Requested: 10/16/2015
 Time Report Requested: 12:33:56
 First Dose M/F: 01/19/09 / 01/19/09
 Lab: BNW

ANIMAL ID: 808

TRT#: 9

SEX: Male

DAY ON TEST: 95

DOSE: 3.5 ppm

DISP: Terminal Sacrifice

HISTO: 59602

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Mammary Gland	* Parathyroid Gland
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OBSERVATIONS

* Epididymis	Duct	Exfoliated Germ Cell	Mild
* Larynx		Inflammation	Chronic Active, Minimal
		Metaplasia	Squamous, Marked
* Lung	Bronchiole, Goblet Cell	Hyperplasia	Minimal
	Bronchus	Inflammation	Chronic Active, Mild
	Bronchus	Metaplasia	Squamous, Mild
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Turbinate	Atrophy	Moderate
	Olfactory Epi	Atrophy	Mild
	Glands, Olfactory Epi	Hyperplasia	Minimal
		Inflammation	Suppurative, Marked
	Respirat Epith	Metaplasia	Squamous, Mild
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Respirat Epith	Necrosis	Minimal
* Skin		Hyperplasia	Squamous, Minimal
		Inflammation	Chronic Active, Minimal
* Testes	Germinal Epith	Depletion Cellular	Multifocal, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 808

TRT#: 9

SEX: Male

DAY ON TEST: 95

DOSE: 3.5 ppm

DISP: Terminal Sacrifice

HISTO: 59602

ORGAN AND ACCOUNTABLE SITE STATUS

* Trachea

Inflammation

Chronic Active, Minimal

Metaplasia

Squamous, Marked

Experiment Number: 20727 - 02
 Test Type: 90-DAY
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
 CAS Number: 643-79-8

Date Report Requested: 10/16/2015
 Time Report Requested: 12:33:56
 First Dose M/F: 01/19/09 / 01/19/09
 Lab: BNW

ANIMAL ID: 809

TRT#: 9

SEX: Male

DAY ON TEST: 95

DOSE: 3.5 ppm

DISP: Terminal Sacrifice

HISTO: 59603

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland
* Parathyroid Gland	* Thyroid Gland		

OBSERVATIONS

* Larynx		Inflammation	Chronic Active, Minimal
		Metaplasia	Squamous, Marked
* Lung	Bronchiole, Goblet Cell	Hyperplasia	Minimal
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Mild
	Turbinate	Atrophy	Moderate
	Olfactory Epi	Atrophy	Mild
	Glands, Olfactory Epi	Hyperplasia	Mild
		Inflammation	Suppurative, Marked
	Respirat Epith	Metaplasia	Squamous, Moderate
	Olfactory Epi	Metaplasia	Respiratory, Minimal
	Olfactory Epi	Metaplasia	Squamous, Minimal
	Respirat Epith	Necrosis	Minimal
* Skin		Hyperplasia	Squamous, Mild
		Inflammation	Chronic Active, Mild
* Trachea		Inflammation	Chronic Active, Moderate
		Metaplasia	Squamous, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20727 - 02
 Test Type: 90-DAY
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
 CAS Number: 643-79-8

Date Report Requested: 10/16/2015
 Time Report Requested: 12:33:56
 First Dose M/F: 01/19/09 / 01/19/09
 Lab: BNW

ANIMAL ID: 810

TRT#: 9

SEX: Male

DAY ON TEST: 33

DOSE: 3.5 ppm

DISP: Moribund Sacrifice

HISTO: 59604

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Minimal
* Larynx		Inflammation	Chronic Active, Minimal
		Metaplasia	Squamous, Marked
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Accumulation, Hyaline Droplet	Mild
	Turbinate	Atrophy	Minimal
	Olfactory Epi	Atrophy	Mild
		Inflammation	Suppurative, Mild
	Respirat Epith	Metaplasia	Squamous, Mild
	Olfactory Epi	Metaplasia	Squamous, Mild
	Respirat Epith	Necrosis	Mild
* Skin		Hyperplasia	Squamous, Minimal
		Inflammation	Chronic Active, Moderate
	[Inflammation TGLs = 2-12]		
* Testes	Interstit Cell	Atrophy	Mild
	Germinal Epith	Depletion Cellular	Multifocal, Mild
* Thymus		Atrophy	Lymphoid, Minimal
* Trachea		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 810

TRT#: 9

SEX: Male

DAY ON TEST: 33

DOSE: 3.5 ppm

DISP: Moribund Sacrifice

HISTO: 59604

ORGAN AND ACCOUNTABLE SITE STATUS

Metaplasia

Squamous, Mild

Experiment Number: 20727 - 02
 Test Type: 90-DAY
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
 CAS Number: 643-79-8

Date Report Requested: 10/16/2015
 Time Report Requested: 12:33:56
 First Dose M/F: 01/19/09 / 01/19/09
 Lab: BNW

ANIMAL ID: 1001

TRT#: 11

SEX: Male

DAY ON TEST: 4

DOSE: 7.0 ppm

DISP: Natural Death

HISTO: 59575

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Islets, Pancreatic	* Kidney	* Liver
* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Urinary Bladder		

MISSING

* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Larynx		Inflammation	Chronic Active, Moderate
		Metaplasia	Squamous, Marked
		Necrosis	Moderate
* Lung	Bronchus	Necrosis	Moderate
* Nose	Olfactory Epi	Atrophy	Mild
		Inflammation	Suppurative, Mild
	Respirat Epith	Necrosis	Moderate
	Olfactory Epi	Necrosis	Mild
* Skin	Adnexa, Pinna	Degeneration	Mild
	Pinna	Hyperplasia	Squamous, Minimal
		Inflammation	Chronic Active, Minimal
	Pinna	Inflammation	Chronic Active, Mild
	Epithelium, Hair Follicle	Parakeratosis	Minimal
	Epithelium, Hair Follicle, Pinna	Parakeratosis	Mild
* Spleen		Atrophy	Lymphoid, Mild
* Thymus		Atrophy	Lymphoid, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 1001

TRT#: 11

SEX: Male

DAY ON TEST: 4

DOSE: 7.0 ppm

DISP: Natural Death

HISTO: 59575

ORGAN AND ACCOUNTABLE SITE STATUS

* Trachea

Inflammation

Chronic Active, Mild

Necrosis

Mild

Experiment Number: 20727 - 02
 Test Type: 90-DAY
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
 CAS Number: 643-79-8

Date Report Requested: 10/16/2015
 Time Report Requested: 12:33:56
 First Dose M/F: 01/19/09 / 01/19/09
 Lab: BNW

ANIMAL ID: 1002

TRT#: 11

SEX: Male

DAY ON TEST: 3

DOSE: 7.0 ppm

DISP: Natural Death

HISTO: 59576

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Mammary Gland
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OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Larynx		Inflammation	Chronic Active, Moderate
		Metaplasia	Squamous, Mild
		Necrosis	Moderate
* Lung	Bronchus	Inflammation	Chronic Active, Mild
	Bronchus	Necrosis	Moderate
	Bronchus	Regeneration	Mild
* Nose	Olfactory Epi	Atrophy	Minimal
		Inflammation	Suppurative, Mild
	Respirat Epith	Necrosis	Moderate
	Olfactory Epi	Necrosis	Moderate
	Respirat Epith	Regeneration	Minimal
* Skin	Adnexa, Pinna	Degeneration	Mild
	Pinna	Hyperplasia	Squamous, Minimal
		Inflammation	Chronic Active, Minimal
	Pinna	Inflammation	Chronic Active, Mild
	Epithelium, Hair Follicle	Parakeratosis	Minimal
	Epithelium, Hair Follicle, Pinna	Parakeratosis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 1002

TRT#: 11

SEX: Male

DAY ON TEST: 3

DOSE: 7.0 ppm

DISP: Natural Death

HISTO: 59576

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen
* Thymus
* Trachea

Atrophy
Atrophy
Inflammation
Necrosis
Regeneration

Lymphoid, Minimal
Lymphoid, Mild
Chronic Active, Mild
Moderate
Mild

Experiment Number: 20727 - 02
 Test Type: 90-DAY
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
 CAS Number: 643-79-8

Date Report Requested: 10/16/2015
 Time Report Requested: 12:33:56
 First Dose M/F: 01/19/09 / 01/19/09
 Lab: BNW

ANIMAL ID: 1003

TRT#: 11

SEX: Male

DAY ON TEST: 4

DOSE: 7.0 ppm

DISP: Natural Death

HISTO: 59577

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Epididymis	* Esophagus	* Harderian Gland
* Heart	* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic
* Kidney	* Liver	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Testes	* Thyroid Gland	* Urinary Bladder	

MISSING

* Lymph Node, Mediastinal	* Mammary Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Stomach, Forestomach	* Stomach, Glandular	

OBSERVATIONS

* Eye	Cornea	Inflammation	Suppurative, Minimal
* Larynx		Inflammation	Chronic Active, Marked
		Metaplasia	Squamous, Mild
		Necrosis	Marked
* Lung	Bronchus	Inflammation	Chronic Active, Mild
	Bronchus	Necrosis	Moderate
* Nose	Olfactory Epi	Atrophy	Minimal
		Inflammation	Suppurative, Mild
	Respirat Epith	Necrosis	Moderate
	Olfactory Epi	Necrosis	Moderate
	Respirat Epith	Regeneration	Mild
* Skin	Adnexa	Degeneration	Minimal
	Adnexa, Pinna	Degeneration	Minimal
		Hyperplasia	Squamous, Minimal
	Pinna	Hyperplasia	Squamous, Minimal
		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 1003

TRT#: 11

SEX: Male

DAY ON TEST: 4

DOSE: 7.0 ppm

DISP: Natural Death

HISTO: 59577

ORGAN AND ACCOUNTABLE SITE STATUS

	Pinna	Inflammation	Chronic Active, Minimal
	Epidermis	Necrosis	Mild
	Epithelium, Hair Follicle	Parakeratosis	Minimal
	Epithelium, Hair Follicle, Pinna	Parakeratosis	Mild
* Spleen		Atrophy	Lymphoid, Mild
* Thymus		Atrophy	Lymphoid, Moderate
* Trachea		Inflammation	Chronic Active, Minimal
		Necrosis	Moderate
		Regeneration	Mild

Experiment Number: 20727 - 02
 Test Type: 90-DAY
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
 CAS Number: 643-79-8

Date Report Requested: 10/16/2015
 Time Report Requested: 12:33:56
 First Dose M/F: 01/19/09 / 01/19/09
 Lab: BNW

ANIMAL ID: 1004

TRT#: 11
 DOSE: 7.0 ppm

SEX: Male
 DISP: Natural Death

DAY ON TEST: 5
 HISTO: 59578

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Epididymis	* Harderian Gland
* Heart	* Islets, Pancreatic	* Kidney	* Liver
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Pancreas	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Testes	* Thyroid Gland	* Urinary Bladder

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Mammary Gland	* Parathyroid Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Stomach, Glandular

OBSERVATIONS

* Esophagus		Inflammation	Chronic Active, Mild
		Necrosis	Moderate
* Eye	Cornea	Inflammation	Suppurative, Minimal
* Larynx		Inflammation	Chronic Active, Minimal
		Necrosis	Moderate
* Lung	Bronchus	Necrosis	Minimal
* Nose	Olfactory Epi	Atrophy	Minimal
		Inflammation	Suppurative, Mild
	Respirat Epith	Necrosis	Moderate
	Olfactory Epi	Necrosis	Minimal
* Skin	Adnexa	Degeneration	Minimal
	Adnexa, Pinna	Degeneration	Mild
	Pinna	Hyperplasia	Squamous, Minimal
		Inflammation	Chronic Active, Minimal
	Pinna	Inflammation	Chronic Active, Minimal
	Epithelium, Hair Follicle	Parakeratosis	Minimal
	Epithelium, Hair Follicle, Pinna	Parakeratosis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 1004

TRT#: 11

SEX: Male

DAY ON TEST: 5

DOSE: 7.0 ppm

DISP: Natural Death

HISTO: 59578

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen
* Thymus
* Trachea

Atrophy
Atrophy
Inflammation
Necrosis
Regeneration

Lymphoid, Mild
Lymphoid, Moderate
Chronic Active, Minimal
Moderate
Mild

Experiment Number: 20727 - 02
 Test Type: 90-DAY
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
 CAS Number: 643-79-8

Date Report Requested: 10/16/2015
 Time Report Requested: 12:33:56
 First Dose M/F: 01/19/09 / 01/19/09
 Lab: BNW

ANIMAL ID: 1005

TRT#: 11

SEX: Male

DAY ON TEST: 5

DOSE: 7.0 ppm

DISP: Natural Death

HISTO: 59579

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Eye	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Islets, Pancreatic
* Kidney	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Pancreas	* Preputial Gland	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Urinary Bladder			

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Mammary Gland	* Parathyroid Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Pituitary Gland			

INSUFFICIENT TISSUE

* Prostate

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Epididymis	Duct	Exfoliated Germ Cell	Minimal
* Larynx		Inflammation	Chronic Active, Moderate
		Metaplasia	Squamous, Marked
		Necrosis	Moderate
* Lung	Bronchus	Necrosis	Mild
* Nose	Olfactory Epi	Atrophy	Mild
		Inflammation	Suppurative, Mild
	Respirat Epith	Metaplasia	Squamous, Minimal
	Respirat Epith	Necrosis	Moderate
* Skin	Adnexa	Degeneration	Moderate
	Adnexa, Pinna	Degeneration	Mild
	Pinna	Hyperplasia	Squamous, Mild
		Inflammation	Chronic Active, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 1005

TRT#: 11

SEX: Male

DAY ON TEST: 5

DOSE: 7.0 ppm

DISP: Natural Death

HISTO: 59579

ORGAN AND ACCOUNTABLE SITE STATUS

	Pinna	Inflammation	Chronic Active, Mild
	Epithelium, Hair Follicle	Parakeratosis	Minimal
	Epithelium, Hair Follicle, Pinna	Parakeratosis	Mild
* Spleen		Atrophy	Lymphoid, Mild
* Thymus		Atrophy	Lymphoid, Moderate
* Trachea		Inflammation	Chronic Active, Mild
		Metaplasia	Squamous, Moderate
		Necrosis	Minimal

Experiment Number: 20727 - 02
 Test Type: 90-DAY
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
 CAS Number: 643-79-8

Date Report Requested: 10/16/2015
 Time Report Requested: 12:33:56
 First Dose M/F: 01/19/09 / 01/19/09
 Lab: BNW

ANIMAL ID: 1006

TRT#: 11

SEX: Male

DAY ON TEST: 6

DOSE: 7.0 ppm

DISP: Natural Death

HISTO: 59580

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Islets, Pancreatic	* Kidney
* Liver	* Lymph Node, Bronchial	* Pancreas	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Urinary Bladder			

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Parathyroid Gland			

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
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INSUFFICIENT TISSUE

* Intestine Large, Rectum

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Eye	Cornea	Inflammation	Suppurative, Minimal
* Larynx		Inflammation	Chronic Active, Marked
		Metaplasia	Squamous, Marked
		Necrosis	Mild
* Lung	Bronchus	Inflammation	Chronic Active, Mild
	Bronchus	Necrosis	Moderate
* Nose	Olfactory Epi	Atrophy	Mild
		Inflammation	Suppurative, Minimal
	Respirat Epith	Metaplasia	Squamous, Mild
	Respirat Epith	Necrosis	Moderate
* Skin	Adnexa	Degeneration	Moderate
	Adnexa, Pinna	Degeneration	Mild
	Pinna	Hyperplasia	Squamous, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 1006

TRT#: 11

SEX: Male

DAY ON TEST: 6

DOSE: 7.0 ppm

DISP: Natural Death

HISTO: 59580

ORGAN AND ACCOUNTABLE SITE STATUS

		Inflammation	Chronic Active, Minimal
	Pinna	Inflammation	Chronic Active, Mild
	Epithelium, Hair Follicle	Parakeratosis	Mild
	Epithelium, Hair Follicle, Pinna	Parakeratosis	Mild
* Spleen		Atrophy	Lymphoid, Mild
* Thymus		Atrophy	Lymphoid, Moderate
* Trachea		Inflammation	Chronic Active, Minimal
		Metaplasia	Squamous, Minimal
		Necrosis	Mild
		Regeneration	Minimal

Experiment Number: 20727 - 02
 Test Type: 90-DAY
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
 CAS Number: 643-79-8

Date Report Requested: 10/16/2015
 Time Report Requested: 12:33:56
 First Dose M/F: 01/19/09 / 01/19/09
 Lab: BNW

ANIMAL ID: 1007

TRT#: 11

SEX: Male

DAY ON TEST: 6

DOSE: 7.0 ppm

DISP: Moribund Sacrifice

HISTO: 59581

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Gallbladder
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Kidney	* Liver	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Urinary Bladder			

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Parathyroid Gland	* Salivary Glands	

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Larynx		Inflammation	Chronic Active, Moderate
		Metaplasia	Squamous, Marked
		Necrosis	Moderate
* Lung	Bronchus	Inflammation	Chronic Active, Minimal
	Bronchus	Necrosis	Moderate
* Nose	Olfactory Epi	Atrophy	Mild
		Inflammation	Suppurative, Mild
	Respirat Epith	Metaplasia	Squamous, Minimal
	Respirat Epith	Necrosis	Mild
	Respirat Epith	Regeneration	Minimal
* Skin	Adnexa	Degeneration	Minimal
	Adnexa, Pinna	Degeneration	Moderate
		Hyperplasia	Squamous, Mild
	Pinna	Hyperplasia	Squamous, Marked
		Inflammation	Chronic Active, Minimal
	Pinna	Inflammation	Chronic Active, Moderate
	Epidermis	Necrosis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 1007

TRT#: 11

SEX: Male

DAY ON TEST: 6

DOSE: 7.0 ppm

DISP: Moribund Sacrifice

HISTO: 59581

ORGAN AND ACCOUNTABLE SITE STATUS

	Epithelium, Hair Follicle	Parakeratosis	Marked
	Epithelium, Hair Follicle, Pinna	Parakeratosis	Moderate
* Spleen		Atrophy	Lymphoid, Mild
* Thymus		Atrophy	Lymphoid, Mild
* Trachea		Inflammation	Chronic Active, Mild
		Necrosis	Marked

Experiment Number: 20727 - 02
 Test Type: 90-DAY
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
 CAS Number: 643-79-8

Date Report Requested: 10/16/2015
 Time Report Requested: 12:33:56
 First Dose M/F: 01/19/09 / 01/19/09
 Lab: BNW

ANIMAL ID: 1008

TRT#: 11

SEX: Male

DAY ON TEST: 6

DOSE: 7.0 ppm

DISP: Natural Death

HISTO: 59582

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Heart	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Pancreas
* Pituitary Gland	* Preputial Gland	* Prostate	* Salivary Glands
* Seminal Vesicle	* Stomach, Forestomach	* Stomach, Glandular	* Testes
* Thyroid Gland	* Urinary Bladder		

MISSING

* Lymph Node, Mediastinal	* Mammary Gland	* Parathyroid Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Larynx		Inflammation	Chronic Active, Mild
		Metaplasia	Squamous, Marked
		Necrosis	Moderate
* Nose	Olfactory Epi	Atrophy	Minimal
		Inflammation	Suppurative, Marked
	Respirat Epith	Metaplasia	Squamous, Minimal
	Respirat Epith	Necrosis	Marked
	Olfactory Epi	Necrosis	Mild
* Skin	Adnexa	Degeneration	Moderate
	Adnexa, Pinna	Degeneration	Mild
		Hyperplasia	Squamous, Moderate
	Pinna	Hyperplasia	Squamous, Moderate
		Inflammation	Chronic Active, Minimal
	Pinna	Inflammation	Chronic Active, Mild
	Epithelium, Hair Follicle	Parakeratosis	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 1008

TRT#: 11

SEX: Male

DAY ON TEST: 6

DOSE: 7.0 ppm

DISP: Natural Death

HISTO: 59582

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen	Epithelium, Hair Follicle, Pinna	Parakeratosis	Mild
* Thymus		Atrophy	Lymphoid, Mild
* Trachea		Atrophy	Lymphoid, Moderate
		Inflammation	Chronic Active, Mild
		Metaplasia	Squamous, Mild

Experiment Number: 20727 - 02
 Test Type: 90-DAY
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
 CAS Number: 643-79-8

Date Report Requested: 10/16/2015
 Time Report Requested: 12:33:56
 First Dose M/F: 01/19/09 / 01/19/09
 Lab: BNW

ANIMAL ID: 1009

TRT#: 11

SEX: Male

DAY ON TEST: 5

DOSE: 7.0 ppm

DISP: Moribund Sacrifice

HISTO: 59583

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Mammary Gland

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Eye	Cornea	Inflammation	Suppurative, Minimal
* Larynx		Inflammation	Chronic Active, Moderate
		Metaplasia	Squamous, Marked
		Necrosis	Moderate
* Lung	Bronchus	Inflammation	Chronic Active, Minimal
	Bronchus	Necrosis	Mild
* Nose	Olfactory Epi	Atrophy	Mild
		Inflammation	Suppurative, Minimal
	Respirat Epith	Metaplasia	Squamous, Minimal
	Respirat Epith	Necrosis	Mild
	Respirat Epith	Regeneration	Minimal
* Skin	Adnexa, Pinna	Degeneration	Mild
		Hyperplasia	Squamous, Mild
	Pinna	Hyperplasia	Squamous, Mild
	Pinna	Inflammation	Chronic Active, Minimal
	Epithelium, Hair Follicle	Parakeratosis	Mild
	Epithelium, Hair Follicle, Pinna	Parakeratosis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 1009

TRT#: 11

SEX: Male

DAY ON TEST: 5

DOSE: 7.0 ppm

DISP: Moribund Sacrifice

HISTO: 59583

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen
* Thymus
* Trachea

Atrophy
Atrophy
Inflammation
Necrosis
Regeneration

Lymphoid, Mild
Lymphoid, Moderate
Chronic Active, Mild
Mild
Minimal

Experiment Number: 20727 - 02
 Test Type: 90-DAY
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
 CAS Number: 643-79-8

Date Report Requested: 10/16/2015
 Time Report Requested: 12:33:56
 First Dose M/F: 01/19/09 / 01/19/09
 Lab: BNW

ANIMAL ID: 1010

TRT#: 11

SEX: Male

DAY ON TEST: 4

DOSE: 7.0 ppm

DISP: Natural Death

HISTO: 59584

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Epididymis	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Islets, Pancreatic	* Kidney	* Liver	* Lymph Node, Mandibular
* Lymph Node, Mesenteric	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Preputial Gland	* Prostate	* Salivary Glands	* Seminal Vesicle
* Stomach, Forestomach	* Stomach, Glandular	* Testes	* Thyroid Gland
* Urinary Bladder			

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Mammary Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
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OBSERVATIONS

* Bone Marrow		Hyperplasia	Minimal
* Larynx		Inflammation	Chronic Active, Marked
		Necrosis	Marked
* Lung	Bronchus	Inflammation	Chronic Active, Minimal
	Bronchus	Necrosis	Mild
* Nose	Olfactory Epi	Atrophy	Minimal
		Inflammation	Suppurative, Minimal
	Respirat Epith	Metaplasia	Squamous, Minimal
	Respirat Epith	Necrosis	Mild
* Skin	Adnexa, Pinna	Degeneration	Mild
	Pinna	Hyperplasia	Squamous, Mild
		Inflammation	Chronic Active, Minimal
	Pinna	Inflammation	Chronic Active, Mild
	Epidermis	Necrosis	Mild
	Epithelium, Hair Follicle	Parakeratosis	Mild
	Epithelium, Hair Follicle, Pinna	Parakeratosis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 1010

TRT#: 11

SEX: Male

DAY ON TEST: 4

DOSE: 7.0 ppm

DISP: Natural Death

HISTO: 59584

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen

Atrophy

Lymphoid, Mild

* Thymus

Atrophy

Lymphoid, Mild

* Trachea

Inflammation

Chronic Active, Minimal

Necrosis

Marked

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 101

TRT#: 2

SEX: Female

DAY ON TEST: 96

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 59565

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mandibular	* Parathyroid Gland
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OBSERVATIONS

* Skin
Note: Skin, pinna - Normal

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 102

TRT#: 2

SEX: Female

DAY ON TEST: 96

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 59566

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

- | | |
|-------------------------|---------------------------|
| * Lymph Node, Bronchial | * Lymph Node, Mediastinal |
|-------------------------|---------------------------|

OBSERVATIONS

- * Skin
Note: Skin, pinna - Normal

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 103

TRT#: 2

SEX: Female

DAY ON TEST: 96

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 59567

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Parathyroid Gland
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OBSERVATIONS

* Skin	Hyperplasia	Squamous, Mild
Note: Skin, pinna - Normal		
[Hyperplasia TGLs = 2-13]		

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 104

TRT#: 2

SEX: Female

DAY ON TEST: 96

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 59568

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
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OBSERVATIONS

* Skin
Note: Skin, pinna - Normal

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 105

TRT#: 2

SEX: Female

DAY ON TEST: 96

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 59569

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Parathyroid Gland

OBSERVATIONS

* Skin

Hyperplasia
Inflammation

Squamous, Minimal
Chronic Active, Minimal

Note: Skin, pinna - Normal
[Inflammation TGLs = 1-12]

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 106

TRT#: 2

SEX: Female

DAY ON TEST: 96

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 59570

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
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OBSERVATIONS

* Skin
Note: Skin, pinna - Normal

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 107

TRT#: 2

SEX: Female

DAY ON TEST: 96

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 59571

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Kidney		Nephropathy	Minimal
* Skin	Adnexa	Degeneration	Minimal

Note: Skin, pinna - Normal

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 108

TRT#: 2

SEX: Female

DAY ON TEST: 96

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 59572

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Parathyroid Gland
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OBSERVATIONS

* Ovary	Cyst	Mild
* Skin		

Note: Skin, pinna - Normal

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 109

TRT#: 2

SEX: Female

DAY ON TEST: 96

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 59573

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mediastinal
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OBSERVATIONS

* Skin	Adnexa	Degeneration Hyperplasia	Minimal Squamous, Minimal
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Note: Skin, pinna - Normal
[Hyperplasia TGLs = 1-12]

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 110

TRT#: 2

SEX: Female

DAY ON TEST: 96

DOSE: CONTROL

DISP: Terminal Sacrifice

HISTO: 59574

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Clitoral Gland

OBSERVATIONS

* Skin

Note: Skin, pinna - Normal

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 301

TRT#: 4

SEX: Female

DAY ON TEST: 96

DOSE: 0.44 ppm

DISP: Terminal Sacrifice

HISTO: 59665

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye
Thymus

Larynx
Trachea

Lung

Skin

OBSERVATIONS

* Nose

Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
Respirat Epith	Accumulation, Hyaline Droplet	Moderate
Glands, Respirat Epith	Accumulation, Hyaline Droplet	Mild
Turbinate	Atrophy	Minimal
Olfactory Epi	Atrophy	Mild
Glands, Olfactory Epi	Hyperplasia	Mild
	Inflammation	Suppurative, Mild
Respirat Epith	Metaplasia	Squamous, Mild
Olfactory Epi	Metaplasia	Respiratory, Minimal

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 302

TRT#: 4

SEX: Female

DAY ON TEST: 96

DOSE: 0.44 ppm

DISP: Terminal Sacrifice

HISTO: 59666

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye
Trachea

Larynx

Lung

Thymus

OBSERVATIONS

* Nose

Olfactory Epi
 Respirat Epith
 Glands, Respirat Epith
 Turbinate
 Olfactory Epi
 Glands, Olfactory Epi

Accumulation, Hyaline Droplet
 Accumulation, Hyaline Droplet
 Accumulation, Hyaline Droplet
 Atrophy
 Atrophy
 Hyperplasia
 Inflammation

Moderate
 Moderate
 Marked
 Minimal
 Moderate
 Mild
 Suppurative, Mild

Skin

Respirat Epith

Metaplasia
 Inflammation

Squamous, Mild
 Chronic Active, Minimal

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 303

TRT#: 4

SEX: Female

DAY ON TEST: 96

DOSE: 0.44 ppm

DISP: Terminal Sacrifice

HISTO: 59667

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye
Thymus

Larynx
Trachea

Lung

Skin

OBSERVATIONS

* Nose

Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
Respirat Epith	Accumulation, Hyaline Droplet	Moderate
Glands, Respirat Epith	Accumulation, Hyaline Droplet	Mild
Olfactory Epi	Atrophy	Mild
Glands, Olfactory Epi	Hyperplasia	Mild
	Inflammation	Suppurative, Mild
Respirat Epith	Metaplasia	Squamous, Mild

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 304

TRT#: 4

SEX: Female

DAY ON TEST: 96

DOSE: 0.44 ppm

DISP: Terminal Sacrifice

HISTO: 59668

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye
Thymus

Larynx
Trachea

Lung

Skin

OBSERVATIONS

* Nose

Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
Respirat Epith	Accumulation, Hyaline Droplet	Moderate
Glands, Respirat Epith	Accumulation, Hyaline Droplet	Mild
Turbinate	Atrophy	Minimal
Olfactory Epi	Atrophy	Mild
Glands, Olfactory Epi	Hyperplasia	Mild
	Inflammation	Suppurative, Mild
Respirat Epith	Metaplasia	Squamous, Mild
Olfactory Epi	Metaplasia	Respiratory, Mild

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 305

TRT#: 4

SEX: Female

DAY ON TEST: 96

DOSE: 0.44 ppm

DISP: Terminal Sacrifice

HISTO: 59669

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye	Larynx	Lung	Skin
Thymus	Trachea		

OBSERVATIONS

* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
	Respirat Epith	Accumulation, Hyaline Droplet	Moderate
	Olfactory Epi	Atrophy	Moderate
	Turbinate	Atrophy	Minimal
	Glands, Olfactory Epi	Hyperplasia	Mild
		Inflammation	Suppurative, Mild
	Respirat Epith	Metaplasia	Squamous, Mild
	Respirat Epith	Necrosis	Minimal

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 306

TRT#: 4

SEX: Female

DAY ON TEST: 96

DOSE: 0.44 ppm

DISP: Terminal Sacrifice

HISTO: 59670

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye	Larynx	Lung	Skin
Thymus	Trachea		

OBSERVATIONS

* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
	Respirat Epith	Accumulation, Hyaline Droplet	Moderate
	Glands, Respirat Epith	Accumulation, Hyaline Droplet	Moderate
	Olfactory Epi	Atrophy	Moderate
	Glands, Olfactory Epi	Hyperplasia	Mild
		Inflammation	Suppurative, Mild
	Respirat Epith	Metaplasia	Squamous, Mild

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 307

TRT#: 4

SEX: Female

DAY ON TEST: 96

DOSE: 0.44 ppm

DISP: Terminal Sacrifice

HISTO: 59671

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye
Thymus

Larynx
Trachea

Lung

Skin

OBSERVATIONS

* Nose

Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
Respirat Epith	Accumulation, Hyaline Droplet	Moderate
Glands, Respirat Epith	Accumulation, Hyaline Droplet	Minimal
Olfactory Epi	Atrophy	Mild
Glands, Olfactory Epi	Hyperplasia	Mild
	Inflammation	Suppurative, Mild
Respirat Epith	Metaplasia	Squamous, Mild

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 308

TRT#: 4

SEX: Female

DAY ON TEST: 96

DOSE: 0.44 ppm

DISP: Terminal Sacrifice

HISTO: 59672

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye
Trachea

Larynx

Lung

Thymus

OBSERVATIONS

* Nose

Olfactory Epi
 Respirat Epith
 Glands, Respirat Epith
 Turbinate
 Olfactory Epi
 Glands, Olfactory Epi

Accumulation, Hyaline Droplet
 Accumulation, Hyaline Droplet
 Accumulation, Hyaline Droplet
 Atrophy
 Atrophy
 Hyperplasia
 Inflammation

Moderate
 Moderate
 Mild
 Minimal
 Mild
 Mild
 Suppurative, Mild

Skin

Respirat Epith
 Epithelium, Hair Follicle

Metaplasia
 Parakeratosis

Squamous, Mild
 Minimal

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 309

TRT#: 4

SEX: Female

DAY ON TEST: 96

DOSE: 0.44 ppm

DISP: Terminal Sacrifice

HISTO: 59673

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye
Trachea

Larynx

Lung

Thymus

OBSERVATIONS

* Nose

Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
Respirat Epith	Accumulation, Hyaline Droplet	Moderate
Glands, Respirat Epith	Accumulation, Hyaline Droplet	Mild
Turbinates	Atrophy	Minimal
Olfactory Epi	Atrophy	Mild
Glands, Olfactory Epi	Hyperplasia	Mild
	Inflammation	Suppurative, Mild
Respirat Epith	Metaplasia	Squamous, Mild
Olfactory Epi	Metaplasia	Respiratory, Minimal
Respirat Epith	Necrosis	Minimal
Olfactory Epi	Necrosis	Minimal
Skin	Epithelium, Hair Follicle	Parakeratosis
		Minimal

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 310

TRT#: 4

SEX: Female

DAY ON TEST: 96

DOSE: 0.44 ppm

DISP: Terminal Sacrifice

HISTO: 59674

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye
Trachea

Larynx

Lung

Thymus

OBSERVATIONS

* Nose

Olfactory Epi
 Respirat Epith
 Glands, Respirat Epith
 Turbinate
 Olfactory Epi
 Glands, Olfactory Epi

Accumulation, Hyaline Droplet
 Accumulation, Hyaline Droplet
 Accumulation, Hyaline Droplet
 Atrophy
 Atrophy
 Hyperplasia
 Inflammation

Moderate
 Moderate
 Minimal
 Minimal
 Mild
 Moderate
 Suppurative, Mild

Skin

Respirat Epith
 Epithelium, Hair Follicle

Metaplasia
 Parakeratosis

Squamous, Mild
 Minimal

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 501

TRT#: 6

SEX: Female

DAY ON TEST: 96

DOSE: 0.88 ppm

DISP: Terminal Sacrifice

HISTO: 59645

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye
 Trachea

* Larynx

Lung

Thymus

OBSERVATIONS

* Nose

Olfactory Epi
 Respirat Epith
 Glands, Respirat Epith
 Turbinate
 Olfactory Epi
 Glands, Olfactory Epi

Accumulation, Hyaline Droplet
 Accumulation, Hyaline Droplet
 Accumulation, Hyaline Droplet
 Atrophy
 Atrophy
 Hyperplasia
 Inflammation

Mild
 Marked
 Minimal
 Moderate
 Mild
 Mild
 Suppurative, Moderate

Respirat Epith

Metaplasia

Squamous, Moderate

Olfactory Epi

Metaplasia

Respiratory, Minimal

Respirat Epith

Necrosis

Minimal

* Skin

Epithelium, Hair Follicle

Parakeratosis

Minimal

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 502

TRT#: 6

SEX: Female

DAY ON TEST: 96

DOSE: 0.88 ppm

DISP: Terminal Sacrifice

HISTO: 59646

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye
Trachea

Lung

* Skin

Thymus

OBSERVATIONS

* Larynx
* Nose

Olfactory Epi
 Respirat Epith
 Glands, Respirat Epith
 Turbinate
 Olfactory Epi
 Glands, Olfactory Epi

 Respirat Epith
 Respirat Epith

Metaplasia
 Accumulation, Hyaline Droplet
 Accumulation, Hyaline Droplet
 Accumulation, Hyaline Droplet
 Atrophy
 Atrophy
 Hyperplasia
 Inflammation
 Metaplasia
 Necrosis

Squamous, Minimal
 Moderate
 Moderate
 Minimal
 Moderate
 Mild
 Mild
 Suppurative, Marked
 Squamous, Moderate
 Minimal

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 503

TRT#: 6

SEX: Female

DAY ON TEST: 96

DOSE: 0.88 ppm

DISP: Terminal Sacrifice

HISTO: 59647

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye
Trachea

* Larynx

Lung

Thymus

OBSERVATIONS

* Nose

Olfactory Epi
Respirat Epith
Glands, Respirat Epith
Olfactory Epi
Glands, Olfactory Epi

Accumulation, Hyaline Droplet
Accumulation, Hyaline Droplet
Accumulation, Hyaline Droplet
Atrophy
Hyperplasia
Inflammation

Moderate
Moderate
Mild
Mild
Moderate
Suppurative, Mild

Respirat Epith
Olfactory Epi
Respirat Epith

Metaplasia
Metaplasia
Necrosis

Squamous, Mild
Respiratory, Mild
Minimal

* Skin

Epithelium, Hair Follicle

Inflammation
Parakeratosis

Chronic Active, Minimal
Minimal

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 504

TRT#: 6

SEX: Female

DAY ON TEST: 96

DOSE: 0.88 ppm

DISP: Terminal Sacrifice

HISTO: 59648

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Lung

Thymus

Trachea

OBSERVATIONS

* Larynx

* Nose

* Skin

Olfactory Epi
 Respirat Epith
 Glands, Respirat Epith
 Turbinate
 Olfactory Epi
 Glands, Olfactory Epi

Respirat Epith

Epithelium, Hair Follicle

Metaplasia
 Accumulation, Hyaline Droplet
 Accumulation, Hyaline Droplet
 Accumulation, Hyaline Droplet
 Atrophy
 Atrophy
 Hyperplasia
 Inflammation
 Metaplasia
 Inflammation
 Parakeratosis

Squamous, Minimal
 Mild
 Marked
 Mild
 Mild
 Mild
 Mild
 Suppurative, Moderate
 Squamous, Mild
 Chronic Active, Minimal
 Minimal

Experiment Number: 20727 - 02
 Test Type: 90-DAY
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
 CAS Number: 643-79-8

Date Report Requested: 10/16/2015
 Time Report Requested: 12:33:56
 First Dose M/F: 01/19/09 / 01/19/09
 Lab: BNW

ANIMAL ID: 505

TRT#: 6

SEX: Female

DAY ON TEST: 96

DOSE: 0.88 ppm

DISP: Terminal Sacrifice

HISTO: 59649

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

Lung

Thymus

Trachea

OBSERVATIONS

* Larynx

* Nose

Metaplasia

Squamous, Mild

Olfactory Epi

Accumulation, Hyaline Droplet

Moderate

Respirat Epith

Accumulation, Hyaline Droplet

Marked

Glands, Respirat Epith

Accumulation, Hyaline Droplet

Mild

Turbinate

Atrophy

Mild

Olfactory Epi

Atrophy

Mild

Glands, Olfactory Epi

Hyperplasia

Mild

Inflammation

Suppurative, Moderate

Respirat Epith

Metaplasia

Squamous, Moderate

Respirat Epith

Necrosis

Mild

* Skin

Epithelium, Hair Follicle

Parakeratosis

Minimal

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 506

TRT#: 6

SEX: Female

DAY ON TEST: 96

DOSE: 0.88 ppm

DISP: Terminal Sacrifice

HISTO: 59650

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye
Thymus

* Larynx
Trachea

Lung

* Skin

OBSERVATIONS

* Nose

Olfactory Epi
 Respirat Epith
 Glands, Respirat Epith
 Turbinate
 Olfactory Epi
 Glands, Olfactory Epi

 Respirat Epith
 Olfactory Epi
 Respirat Epith

Accumulation, Hyaline Droplet
 Accumulation, Hyaline Droplet
 Accumulation, Hyaline Droplet
 Atrophy
 Atrophy
 Hyperplasia
 Inflammation
 Metaplasia
 Metaplasia
 Necrosis

Moderate
 Moderate
 Moderate
 Moderate
 Moderate
 Mild
 Suppurative, Moderate
 Squamous, Moderate
 Respiratory, Minimal
 Minimal

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 507

TRT#: 6

SEX: Female

DAY ON TEST: 96

DOSE: 0.88 ppm

DISP: Terminal Sacrifice

HISTO: 59651

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye
Thymus

* Larynx
Trachea

Lung

* Skin

OBSERVATIONS

* Nose

Olfactory Epi	Accumulation, Hyaline Droplet	Moderate
Respirat Epith	Accumulation, Hyaline Droplet	Moderate
Glands, Respirat Epith	Accumulation, Hyaline Droplet	Mild
Turbinate	Atrophy	Mild
Olfactory Epi	Atrophy	Mild
Glands, Olfactory Epi	Hyperplasia	Mild
	Inflammation	Suppurative, Marked
Respirat Epith	Metaplasia	Squamous, Mild
Olfactory Epi	Metaplasia	Respiratory, Minimal
Respirat Epith	Necrosis	Minimal

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 508

TRT#: 6

SEX: Female

DAY ON TEST: 96

DOSE: 0.88 ppm

DISP: Terminal Sacrifice

HISTO: 59652

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

* Larynx

Lung

Trachea

MISSING

Thymus

OBSERVATIONS

* Nose

Olfactory Epi

Accumulation, Hyaline Droplet

Moderate

Respirat Epith

Accumulation, Hyaline Droplet

Moderate

Glands, Respirat Epith

Accumulation, Hyaline Droplet

Moderate

Turbinate

Atrophy

Minimal

Olfactory Epi

Atrophy

Minimal

Inflammation

Suppurative, Moderate

Respirat Epith

Metaplasia

Squamous, Moderate

Olfactory Epi

Metaplasia

Respiratory, Minimal

* Skin

Epithelium, Hair Follicle

Parakeratosis

Minimal

Experiment Number: 20727 - 02
 Test Type: 90-DAY
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
 CAS Number: 643-79-8

Date Report Requested: 10/16/2015
 Time Report Requested: 12:33:56
 First Dose M/F: 01/19/09 / 01/19/09
 Lab: BNW

ANIMAL ID: 509

TRT#: 6

SEX: Female

DAY ON TEST: 96

DOSE: 0.88 ppm

DISP: Terminal Sacrifice

HISTO: 59653

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye
 Trachea

* Larynx

Lung

Thymus

OBSERVATIONS

* Nose

Olfactory Epi	Accumulation, Hyaline Droplet	Moderate	
Respirat Epith	Accumulation, Hyaline Droplet	Moderate	
Glands, Respirat Epith	Accumulation, Hyaline Droplet	Moderate	
Turbinate	Atrophy	Minimal	
Olfactory Epi	Atrophy	Mild	
Glands, Olfactory Epi	Hyperplasia	Mild	
	Inflammation	Suppurative, Moderate	
Respirat Epith	Metaplasia	Squamous, Moderate	
Respirat Epith	Necrosis	Minimal	
* Skin	Epithelium, Hair Follicle	Parakeratosis	Minimal

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 510

TRT#: 6

SEX: Female

DAY ON TEST: 96

DOSE: 0.88 ppm

DISP: Terminal Sacrifice

HISTO: 59654

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye
 Trachea

* Larynx

Lung

Thymus

OBSERVATIONS

* Nose

Olfactory Epi
 Respirat Epith
 Glands, Respirat Epith
 Turbinate
 Olfactory Epi
 Glands, Olfactory Epi

Accumulation, Hyaline Droplet
 Accumulation, Hyaline Droplet
 Accumulation, Hyaline Droplet
 Atrophy
 Atrophy
 Hyperplasia
 Inflammation

Moderate
 Moderate
 Mild
 Mild
 Moderate
 Mild

* Skin

Respirat Epith
 Olfactory Epi
 Epithelium, Hair Follicle

Metaplasia
 Metaplasia
 Inflammation
 Parakeratosis

Suppurative, Marked
 Squamous, Moderate
 Respiratory, Minimal
 Chronic Active, Minimal
 Minimal

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 701

TRT#: 8

SEX: Female

DAY ON TEST: 96

DOSE: 1.75 ppm

DISP: Terminal Sacrifice

HISTO: 59625

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

* Lung

* Thymus

* Trachea

OBSERVATIONS

* Larynx

* Nose

* Skin

Olfactory Epi
 Respirat Epith
 Turbinate
 Olfactory Epi
 Glands, Olfactory Epi

Respirat Epith
 Olfactory Epi
 Respirat Epith

Epithelium, Hair Follicle

Metaplasia
 Accumulation, Hyaline Droplet
 Accumulation, Hyaline Droplet
 Atrophy
 Atrophy
 Hyperplasia
 Inflammation
 Metaplasia
 Metaplasia
 Necrosis
 Inflammation
 Parakeratosis

Squamous, Mild
 Minimal
 Moderate
 Mild
 Mild
 Mild
 Suppurative, Marked
 Squamous, Mild
 Respiratory, Minimal
 Minimal
 Chronic Active, Minimal
 Minimal

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 702

TRT#: 8

SEX: Female

DAY ON TEST: 96

DOSE: 1.75 ppm

DISP: Terminal Sacrifice

HISTO: 59626

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Adrenal Cortex

Adrenal Medulla

Eye

* Lung

* Thymus

* Trachea

OBSERVATIONS

* Larynx

* Nose

Metaplasia

Squamous, Mild

Olfactory Epi

Accumulation, Hyaline Droplet

Mild

Respirat Epith

Accumulation, Hyaline Droplet

Marked

Turbinate

Atrophy

Mild

Olfactory Epi

Atrophy

Minimal

Glands, Olfactory Epi

Hyperplasia

Minimal

Inflammation

Suppurative, Marked

Respirat Epith

Metaplasia

Squamous, Mild

* Skin

Hyperplasia

Squamous, Minimal

Inflammation

Chronic Active, Minimal

Epithelium, Hair Follicle

Parakeratosis

Minimal

Experiment Number: 20727 - 02
 Test Type: 90-DAY
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
 CAS Number: 643-79-8

Date Report Requested: 10/16/2015
 Time Report Requested: 12:33:56
 First Dose M/F: 01/19/09 / 01/19/09
 Lab: BNW

ANIMAL ID: 703

TRT#: 8

SEX: Female

DAY ON TEST: 96

DOSE: 1.75 ppm

DISP: Terminal Sacrifice

HISTO: 59627

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

* Lung

* Thymus

* Trachea

OBSERVATIONS

* Larynx

* Nose

* Skin

Olfactory Epi
 Glands, Respirat Epith
 Respirat Epith
 Turbinate
 Olfactory Epi
 Glands, Olfactory Epi

Respirat Epith
 Respirat Epith
 Respirat Epith
 Adnexa

Epithelium, Hair Follicle

Metaplasia
 Accumulation, Hyaline Droplet
 Accumulation, Hyaline Droplet
 Accumulation, Hyaline Droplet
 Atrophy
 Atrophy
 Hyperplasia
 Inflammation
 Metaplasia
 Necrosis
 Regeneration
 Degeneration
 Hyperplasia
 Parakeratosis

Squamous, Mild
 Minimal
 Minimal
 Marked
 Marked
 Moderate
 Minimal
 Suppurative, Marked
 Squamous, Mild
 Minimal
 Minimal
 Minimal
 Squamous, Minimal
 Minimal

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 704

TRT#: 8

SEX: Female

DAY ON TEST: 96

DOSE: 1.75 ppm

DISP: Terminal Sacrifice

HISTO: 59628

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

* Lung

* Thymus

* Trachea

OBSERVATIONS

* Larynx

Lymph Node

[Hyperplasia TGLs = 1-9]

Deep Cervical

Metaplasia

Hyperplasia

Squamous, Mild

Lymphoid, Mild

* Nose

Olfactory Epi

Respirat Epith

Turbinate

Olfactory Epi

Glands, Olfactory Epi

Respirat Epith

Accumulation, Hyaline Droplet

Accumulation, Hyaline Droplet

Atrophy

Atrophy

Hyperplasia

Inflammation

Metaplasia

Inflammation

Mild

Moderate

Moderate

Moderate

Mild

Suppurative, Marked

Squamous, Moderate

Chronic Active, Minimal

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 705

TRT#: 8

SEX: Female

DAY ON TEST: 96

DOSE: 1.75 ppm

DISP: Terminal Sacrifice

HISTO: 59629

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

* Lung

* Thymus

* Trachea

OBSERVATIONS

* Larynx

* Nose

Metaplasia

Squamous, Moderate

Olfactory Epi

Accumulation, Hyaline Droplet

Mild

Respirat Epith

Accumulation, Hyaline Droplet

Marked

Glands, Respirat Epith

Accumulation, Hyaline Droplet

Mild

Turbinate

Atrophy

Marked

Olfactory Epi

Atrophy

Moderate

Glands, Olfactory Epi

Hyperplasia

Minimal

Inflammation

Suppurative, Marked

Respirat Epith

Metaplasia

Squamous, Moderate

Respirat Epith

Necrosis

Mild

* Skin

Inflammation

Chronic Active, Minimal

Epithelium, Hair Follicle

Parakeratosis

Minimal

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 706

TRT#: 8

SEX: Female

DAY ON TEST: 96

DOSE: 1.75 ppm

DISP: Terminal Sacrifice

HISTO: 59630

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

* Lung

* Thymus

* Trachea

OBSERVATIONS

* Larynx

* Nose

* Skin

Olfactory Epi
 Respirat Epith
 Glands, Respirat Epith
 Turbinate
 Olfactory Epi
 Glands, Olfactory Epi

Respirat Epith
 Respirat Epith

Epithelium, Hair Follicle

Metaplasia
 Accumulation, Hyaline Droplet
 Accumulation, Hyaline Droplet
 Accumulation, Hyaline Droplet
 Atrophy
 Atrophy
 Hyperplasia
 Inflammation
 Metaplasia
 Necrosis
 Hyperplasia
 Inflammation
 Parakeratosis

Squamous, Mild
 Moderate
 Marked
 Mild
 Marked
 Moderate
 Mild
 Suppurative, Marked
 Squamous, Moderate
 Mild
 Squamous, Mild
 Chronic Active, Minimal
 Minimal

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 707

TRT#: 8

SEX: Female

DAY ON TEST: 96

DOSE: 1.75 ppm

DISP: Terminal Sacrifice

HISTO: 59631

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

* Lung

* Thymus

* Trachea

OBSERVATIONS

* Larynx

* Nose

* Skin

Olfactory Epi
 Respirat Epith
 Glands, Respirat Epith
 Turbinate
 Olfactory Epi
 Glands, Olfactory Epi

Respirat Epith

Epithelium, Hair Follicle

Metaplasia
 Accumulation, Hyaline Droplet
 Accumulation, Hyaline Droplet
 Accumulation, Hyaline Droplet
 Atrophy
 Atrophy
 Hyperplasia
 Inflammation
 Metaplasia
 Hyperplasia
 Inflammation
 Parakeratosis

Squamous, Mild
 Mild
 Moderate
 Mild
 Moderate
 Mild
 Mild
 Suppurative, Marked
 Squamous, Moderate
 Squamous, Minimal
 Chronic Active, Mild
 Minimal

Experiment Number: 20727 - 02
 Test Type: 90-DAY
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
 CAS Number: 643-79-8

Date Report Requested: 10/16/2015
 Time Report Requested: 12:33:56
 First Dose M/F: 01/19/09 / 01/19/09
 Lab: BNW

ANIMAL ID: 708

TRT#: 8

SEX: Female

DAY ON TEST: 96

DOSE: 1.75 ppm

DISP: Terminal Sacrifice

HISTO: 59632

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

* Lung

* Thymus

* Trachea

OBSERVATIONS

* Larynx

* Nose

* Skin

Olfactory Epi
 Respirat Epith
 Glands, Respirat Epith
 Turbinate
 Olfactory Epi
 Glands, Olfactory Epi

Respirat Epith
 Olfactory Epi
 Respirat Epith

Epithelium, Hair Follicle

Metaplasia
 Accumulation, Hyaline Droplet
 Accumulation, Hyaline Droplet
 Accumulation, Hyaline Droplet
 Atrophy
 Atrophy
 Hyperplasia
 Inflammation
 Metaplasia
 Metaplasia
 Necrosis
 Hyperplasia
 Inflammation
 Parakeratosis

Squamous, Mild
 Mild
 Marked
 Mild
 Marked
 Moderate
 Minimal
 Suppurative, Marked
 Squamous, Moderate
 Respiratory, Minimal
 Minimal
 Squamous, Minimal
 Chronic Active, Minimal
 Minimal

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 709

TRT#: 8

SEX: Female

DAY ON TEST: 96

DOSE: 1.75 ppm

DISP: Terminal Sacrifice

HISTO: 59633

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

* Lung

* Thymus

* Trachea

OBSERVATIONS

* Larynx

* Nose

* Skin

Olfactory Epi
 Respirat Epith
 Turbinate
 Olfactory Epi
 Glands, Olfactory Epi

Respirat Epith
 Olfactory Epi

Epithelium, Hair Follicle

Metaplasia
 Accumulation, Hyaline Droplet
 Accumulation, Hyaline Droplet
 Atrophy
 Atrophy
 Hyperplasia
 Inflammation
 Metaplasia
 Metaplasia
 Inflammation
 Parakeratosis

Squamous, Mild
 Moderate
 Marked
 Moderate
 Moderate
 Mild
 Suppurative, Marked
 Squamous, Moderate
 Respiratory, Minimal
 Chronic Active, Minimal
 Minimal

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 710

TRT#: 8

SEX: Female

DAY ON TEST: 96

DOSE: 1.75 ppm

DISP: Terminal Sacrifice

HISTO: 59634

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

Eye

* Lung

* Thymus

* Trachea

OBSERVATIONS

* Larynx

* Nose

* Skin

Olfactory Epi
 Respirat Epith
 Glands, Respirat Epith
 Turbinate
 Olfactory Epi
 Glands, Olfactory Epi

Respirat Epith
 Respirat Epith

Epithelium, Hair Follicle

Metaplasia
 Accumulation, Hyaline Droplet
 Accumulation, Hyaline Droplet
 Accumulation, Hyaline Droplet
 Atrophy
 Atrophy
 Hyperplasia
 Inflammation
 Metaplasia
 Necrosis
 Hyperplasia
 Inflammation
 Parakeratosis

Squamous, Mild
 Mild
 Moderate
 Moderate
 Marked
 Moderate
 Minimal
 Suppurative, Marked
 Squamous, Moderate
 Minimal
 Squamous, Mild
 Chronic Active, Minimal
 Mild

Experiment Number: 20727 - 02
 Test Type: 90-DAY
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
 CAS Number: 643-79-8

Date Report Requested: 10/16/2015
 Time Report Requested: 12:33:56
 First Dose M/F: 01/19/09 / 01/19/09
 Lab: BNW

ANIMAL ID: 901

TRT#: 10

SEX: Female

DAY ON TEST: 96

DOSE: 3.5 ppm

DISP: Terminal Sacrifice

HISTO: 59605

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Mediastinal

OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Larynx		Inflammation	Chronic Active, Minimal
		Metaplasia	Squamous, Marked
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Accumulation, Hyaline Droplet	Mild
	Turbinate	Atrophy	Moderate
	Olfactory Epi	Atrophy	Mild
	Glands, Olfactory Epi	Hyperplasia	Mild
		Inflammation	Suppurative, Moderate
	Respirat Epith	Metaplasia	Squamous, Moderate
	Olfactory Epi	Metaplasia	Respiratory, Mild
* Skin		Hyperplasia	Squamous, Mild
		Inflammation	Chronic Active, Mild
	Epithelium, Hair Follicle	Parakeratosis	Mild
* Trachea		Inflammation	Chronic Active, Mild
		Metaplasia	Squamous, Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20727 - 02
 Test Type: 90-DAY
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
 CAS Number: 643-79-8

Date Report Requested: 10/16/2015
 Time Report Requested: 12:33:56
 First Dose M/F: 01/19/09 / 01/19/09
 Lab: BNW

ANIMAL ID: 902

TRT#: 10

SEX: Female

DAY ON TEST: 17

DOSE: 3.5 ppm

DISP: Moribund Sacrifice

HISTO: 59606

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Eye	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland	* Urinary Bladder
* Uterus			

MISSING

* Gallbladder	* Parathyroid Gland
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OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Larynx		Inflammation	Chronic Active, Mild
		Metaplasia	Squamous, Marked
		Necrosis	Minimal
* Lung	Bronchiole, Goblet Cell	Hyperplasia	Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
		Inflammation	Suppurative, Mild
	Respirat Epith	Necrosis	Mild
	Respirat Epith	Regeneration	Mild
* Skin		Hyperplasia	Squamous, Minimal
		Inflammation	Chronic Active, Minimal
	Epithelium, Hair Follicle	Parakeratosis	Minimal
* Thymus		Atrophy	Lymphoid, Minimal
* Trachea		Inflammation	Chronic Active, Mild
		Necrosis	Minimal
		Regeneration	Minimal
		Ulcer	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20727 - 02
 Test Type: 90-DAY
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
 CAS Number: 643-79-8

Date Report Requested: 10/16/2015
 Time Report Requested: 12:33:56
 First Dose M/F: 01/19/09 / 01/19/09
 Lab: BNW

ANIMAL ID: 903

TRT#: 10

SEX: Female

DAY ON TEST: 18

DOSE: 3.5 ppm

DISP: Moribund Sacrifice

HISTO: 59607

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Parathyroid Gland
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OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Eye	Cornea	Inflammation	Suppurative, Minimal
* Larynx		Inflammation	Chronic Active, Minimal
		Metaplasia	Squamous, Marked
* Liver		Necrosis	Mild
* Lung	Bronchiole, Goblet Cell	Hyperplasia	Mild
	Bronchus	Inflammation	Chronic Active, Minimal
* Nose	Turbinate	Atrophy	Moderate
	Olfactory Epi	Atrophy	Mild
	Glands, Olfactory Epi	Hyperplasia	Minimal
		Inflammation	Suppurative, Mild
	Respirat Epith	Metaplasia	Squamous, Minimal
	Respirat Epith	Necrosis	Mild
	Respirat Epith	Regeneration	Mild
* Skin		Hyperplasia	Squamous, Minimal
		Inflammation	Chronic Active, Mild
	Epithelium, Hair Follicle	Parakeratosis	Minimal
* Thymus		Atrophy	Lymphoid, Mild
* Trachea		Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 903

TRT#: 10

SEX: Female

DAY ON TEST: 18

DOSE: 3.5 ppm

DISP: Moribund Sacrifice

HISTO: 59607

ORGAN AND ACCOUNTABLE SITE STATUS

Metaplasia

Squamous, Mild

Experiment Number: 20727 - 02
 Test Type: 90-DAY
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
 CAS Number: 643-79-8

Date Report Requested: 10/16/2015
 Time Report Requested: 12:33:56
 First Dose M/F: 01/19/09 / 01/19/09
 Lab: BNW

ANIMAL ID: 904

TRT#: 10

SEX: Female

DAY ON TEST: 96

DOSE: 3.5 ppm

DISP: Terminal Sacrifice

HISTO: 59608

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lymph Node, Bronchial	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Parathyroid Gland
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OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Larynx		Metaplasia	Squamous, Marked
* Lung	Bronchus	Inflammation	Chronic Active, Minimal
	Bronchus	Necrosis	Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Turbinate	Atrophy	Moderate
	Olfactory Epi	Atrophy	Mild
	Glands, Olfactory Epi	Hyperplasia	Mild
		Inflammation	Suppurative, Marked
	Respirat Epith	Metaplasia	Squamous, Moderate
	Olfactory Epi	Metaplasia	Respiratory, Moderate
	Respirat Epith	Necrosis	Minimal
* Skin		Hyperplasia	Squamous, Mild
		Inflammation	Chronic Active, Moderate
	Epithelium, Hair Follicle	Parakeratosis	Minimal
	[Inflammation TGLs = 1-12]		
* Trachea		Inflammation	Chronic Active, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 904

TRT#: 10

SEX: Female

DAY ON TEST: 96

DOSE: 3.5 ppm

DISP: Terminal Sacrifice

HISTO: 59608

ORGAN AND ACCOUNTABLE SITE STATUS

Metaplasia

Squamous, Marked

Experiment Number: 20727 - 02
 Test Type: 90-DAY
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
 CAS Number: 643-79-8

Date Report Requested: 10/16/2015
 Time Report Requested: 12:33:56
 First Dose M/F: 01/19/09 / 01/19/09
 Lab: BNW

ANIMAL ID: 905

TRT#: 10

SEX: Female

DAY ON TEST: 96

DOSE: 3.5 ppm

DISP: Terminal Sacrifice

HISTO: 59609

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

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

OBSERVATIONS

* Larynx		Inflammation	Chronic Active, Mild
		Metaplasia	Squamous, Marked
* Lung	Bronchus	Inflammation	Chronic Active, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Accumulation, Hyaline Droplet	Moderate
	Turbinate	Atrophy	Moderate
	Olfactory Epi	Atrophy	Moderate
	Glands, Olfactory Epi	Hyperplasia	Mild
		Inflammation	Suppurative, Marked
	Respirat Epith	Metaplasia	Squamous, Moderate
* Skin		Hyperplasia	Squamous, Mild
		Inflammation	Chronic Active, Mild
	Epithelium, Hair Follicle	Parakeratosis	Minimal
* Thymus		Atrophy	Lymphoid, Minimal
* Trachea		Inflammation	Chronic Active, Minimal
		Metaplasia	Squamous, Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20727 - 02
 Test Type: 90-DAY
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
 CAS Number: 643-79-8

Date Report Requested: 10/16/2015
 Time Report Requested: 12:33:56
 First Dose M/F: 01/19/09 / 01/19/09
 Lab: BNW

ANIMAL ID: 906

TRT#: 10

SEX: Female

DAY ON TEST: 39

DOSE: 3.5 ppm

DISP: Moribund Sacrifice

HISTO: 59610

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Esophagus	* Gallbladder	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Kidney	* Liver	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Parathyroid Gland
* Pituitary Gland	* Salivary Glands	* Spleen	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Urinary Bladder	* Uterus

MISSING

* Clitoral Gland	* Lymph Node, Bronchial
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OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Eye	Cornea	Inflammation	Suppurative, Minimal
* Larynx		Inflammation	Chronic Active, Moderate
		Metaplasia	Squamous, Marked
		Necrosis	Moderate
* Lung	Bronchiole, Goblet Cell	Hyperplasia	Mild
	Bronchus	Inflammation	Chronic Active, Mild
	Bronchus	Necrosis	Moderate
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Mild
	Olfactory Epi	Atrophy	Mild
		Inflammation	Suppurative, Moderate
	Respirat Epith	Metaplasia	Squamous, Mild
	Olfactory Epi	Necrosis	Mild
	Respirat Epith	Necrosis	Minimal
	Olfactory Epi	Regeneration	Mild
* Pancreas		Cyst	
* Skin		Hyperplasia	Squamous, Mild
		Inflammation	Chronic Active, Mild
	Epithelium, Hair Follicle	Parakeratosis	Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 906

TRT#: 10

SEX: Female

DAY ON TEST: 39

DOSE: 3.5 ppm

DISP: Moribund Sacrifice

HISTO: 59610

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Atrophy

Lymphoid, Moderate

* Trachea

Inflammation

Chronic Active, Mild

Metaplasia

Squamous, Minimal

Necrosis

Mild

Experiment Number: 20727 - 02
 Test Type: 90-DAY
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
 CAS Number: 643-79-8

Date Report Requested: 10/16/2015
 Time Report Requested: 12:33:56
 First Dose M/F: 01/19/09 / 01/19/09
 Lab: BNW

ANIMAL ID: 907

TRT#: 10

SEX: Female

DAY ON TEST: 96

DOSE: 3.5 ppm

DISP: Terminal Sacrifice

HISTO: 59611

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Parathyroid Gland
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OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Larynx		Inflammation	Chronic Active, Moderate
		Metaplasia	Squamous, Marked
* Lung	Bronchiole, Goblet Cell	Hyperplasia	Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Mild
	Respirat Epith	Accumulation, Hyaline Droplet	Moderate
	Glands, Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Turbinate	Atrophy	Moderate
	Olfactory Epi	Atrophy	Moderate
	Glands, Olfactory Epi	Hyperplasia	Moderate
		Inflammation	Suppurative, Marked
	Respirat Epith	Metaplasia	Squamous, Moderate
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Respirat Epith	Necrosis	Mild
* Skin		Hyperplasia	Squamous, Mild
		Inflammation	Chronic Active, Mild
	Epithelium, Hair Follicle	Parakeratosis	Minimal
* Trachea		Inflammation	Chronic Active, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 907

TRT#: 10

SEX: Female

DAY ON TEST: 96

DOSE: 3.5 ppm

DISP: Terminal Sacrifice

HISTO: 59611

ORGAN AND ACCOUNTABLE SITE STATUS

Metaplasia

Squamous, Marked

Experiment Number: 20727 - 02
 Test Type: 90-DAY
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
 CAS Number: 643-79-8

Date Report Requested: 10/16/2015
 Time Report Requested: 12:33:56
 First Dose M/F: 01/19/09 / 01/19/09
 Lab: BNW

ANIMAL ID: 908

TRT#: 10

SEX: Female

DAY ON TEST: 96

DOSE: 3.5 ppm

DISP: Terminal Sacrifice

HISTO: 59612

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Spleen
* Stomach, Forestomach	* Stomach, Glandular	* Thymus	* Thyroid Gland
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mediastinal	* Parathyroid Gland
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OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Larynx		Inflammation	Chronic Active, Minimal
		Metaplasia	Squamous, Marked
* Lung	Bronchiole, Goblet Cell	Hyperplasia	Mild
	Bronchus	Inflammation	Chronic Active, Minimal
* Nose	Respirat Epith	Accumulation, Hyaline Droplet	Mild
	Turbinate	Atrophy	Moderate
	Olfactory Epi	Atrophy	Moderate
	Glands, Olfactory Epi	Hyperplasia	Mild
		Inflammation	Suppurative, Marked
	Respirat Epith	Metaplasia	Squamous, Moderate
	Olfactory Epi	Metaplasia	Respiratory, Mild
	Respirat Epith	Necrosis	Mild
* Skin		Hyperplasia	Squamous, Minimal
		Inflammation	Chronic Active, Minimal
	Epithelium, Hair Follicle	Parakeratosis	Minimal
* Trachea		Inflammation	Chronic Active, Mild
		Metaplasia	Squamous, Marked

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20727 - 02
 Test Type: 90-DAY
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
 CAS Number: 643-79-8

Date Report Requested: 10/16/2015
 Time Report Requested: 12:33:56
 First Dose M/F: 01/19/09 / 01/19/09
 Lab: BNW

ANIMAL ID: 909

TRT#: 10

SEX: Female

DAY ON TEST: 4

DOSE: 3.5 ppm

DISP: Moribund Sacrifice

HISTO: 59613

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Bone Marrow	* Brain	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mesenteric
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Urinary Bladder	* Uterus		

MISSING

* Clitoral Gland	* Lymph Node, Mediastinal	* Mammary Gland
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OBSERVATIONS

* Larynx		Inflammation	Chronic Active, Mild
		Metaplasia	Squamous, Moderate
		Necrosis	Mild
* Nose	Olfactory Epi	Atrophy	Mild
	Glands, Olfactory Epi	Hyperplasia	Minimal
		Inflammation	Suppurative, Minimal
	Respirat Epith	Necrosis	Minimal
	Respirat Epith	Regeneration	Mild
* Skin	Epithelium, Hair Follicle	Parakeratosis	Minimal
* Spleen		Atrophy	Lymphoid, Minimal
* Thymus		Atrophy	Lymphoid, Moderate
* Trachea		Inflammation	Chronic Active, Minimal
		Metaplasia	Squamous, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20727 - 02
 Test Type: 90-DAY
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
 CAS Number: 643-79-8

Date Report Requested: 10/16/2015
 Time Report Requested: 12:33:56
 First Dose M/F: 01/19/09 / 01/19/09
 Lab: BNW

ANIMAL ID: 910

TRT#: 10

SEX: Female

DAY ON TEST: 96

DOSE: 3.5 ppm

DISP: Terminal Sacrifice

HISTO: 59614

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	Blood Vessel	* Bone
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lymph Node, Bronchial	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mediastinal
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OBSERVATIONS

* Bone Marrow		Hyperplasia	Mild
* Larynx		Inflammation	Chronic Active, Mild
		Metaplasia	Squamous, Marked
* Lung	Bronchiole, Goblet Cell	Hyperplasia	Minimal
	Bronchus	Inflammation	Chronic Active, Minimal
* Nose	Olfactory Epi	Accumulation, Hyaline Droplet	Minimal
	Glands, Respirat Epith	Accumulation, Hyaline Droplet	Minimal
	Respirat Epith	Accumulation, Hyaline Droplet	Mild
	Turbinate	Atrophy	Marked
	Olfactory Epi	Atrophy	Moderate
	Glands, Olfactory Epi	Hyperplasia	Moderate
		Inflammation	Suppurative, Moderate
	Respirat Epith	Metaplasia	Squamous, Moderate
	Respirat Epith	Necrosis	Minimal
* Skin		Hyperplasia	Squamous, Mild
		Inflammation	Chronic Active, Mild
	Epithelium, Hair Follicle	Parakeratosis	Minimal
* Thymus		Atrophy	Lymphoid, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 910

TRT#: 10

SEX: Female

DAY ON TEST: 96

DOSE: 3.5 ppm

DISP: Terminal Sacrifice

HISTO: 59614

ORGAN AND ACCOUNTABLE SITE STATUS

* Trachea

Inflammation

Chronic Active, Minimal

Metaplasia

Squamous, Marked

Experiment Number: 20727 - 02
 Test Type: 90-DAY
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
 CAS Number: 643-79-8

Date Report Requested: 10/16/2015
 Time Report Requested: 12:33:56
 First Dose M/F: 01/19/09 / 01/19/09
 Lab: BNW

ANIMAL ID: 1101

TRT#: 12

SEX: Female

DAY ON TEST: 3

DOSE: 7.0 ppm

DISP: Natural Death

HISTO: 59585

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Kidney	* Liver
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pituitary Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Parathyroid Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic
* Pancreas			

OBSERVATIONS

* Larynx		Inflammation	Chronic Active, Moderate
		Necrosis	Moderate
* Lung	Bronchus	Necrosis	Moderate
* Nose	Olfactory Epi	Atrophy	Mild
	Respirat Epith	Necrosis	Mild
	Respirat Epith	Regeneration	Mild
	Respirat Epith	Ulcer	Minimal
* Skin	Adnexa	Degeneration	Minimal
	Adnexa, Pinna	Degeneration	Minimal
		Hyperplasia	Squamous, Minimal
	Pinna	Hyperplasia	Squamous, Minimal
		Inflammation	Chronic Active, Minimal
	Pinna	Inflammation	Chronic Active, Mild
	Epithelium, Hair Follicle	Parakeratosis	Minimal
	Epithelium, Hair Follicle, Pinna	Parakeratosis	Mild
* Spleen		Atrophy	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 1101

TRT#: 12

SEX: Female

DAY ON TEST: 3

DOSE: 7.0 ppm

DISP: Natural Death

HISTO: 59585

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Atrophy

Lymphoid, Minimal

* Trachea

Inflammation

Chronic Active, Mild

Necrosis

Marked

Experiment Number: 20727 - 02
 Test Type: 90-DAY
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
 CAS Number: 643-79-8

Date Report Requested: 10/16/2015
 Time Report Requested: 12:33:56
 First Dose M/F: 01/19/09 / 01/19/09
 Lab: BNW

ANIMAL ID: 1102

TRT#: 12

SEX: Female

DAY ON TEST: 6

DOSE: 7.0 ppm

DISP: Natural Death

HISTO: 59586

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Esophagus	* Harderian Gland	* Heart	* Islets, Pancreatic
* Kidney	* Liver	* Lymph Node, Bronchial	* Lymph Node, Mandibular
* Mammary Gland	* Ovary	* Pancreas	* Parathyroid Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Urinary Bladder	* Uterus		

MISSING

* Clitoral Gland	* Gallbladder	* Lymph Node, Mediastinal
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AUTO PRECLUDES DIAG.

* Bone Marrow	* Eye	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Lymph Node, Mesenteric	* Pituitary Gland		

OBSERVATIONS

* Larynx		Inflammation Metaplasia Regeneration Ulcer	Chronic Active, Moderate Squamous, Marked Minimal Mild
* Lung	Bronchus Bronchus	Inflammation Ulcer	Chronic Active, Mild Moderate
* Nose	Respirat Epith Respirat Epith	Necrosis Regeneration	Moderate Mild
* Skin	Adnexa Adnexa, Pinna Pinna Pinna Epithelium, Hair Follicle Epithelium, Hair Follicle, Pinna	Degeneration Degeneration Hyperplasia Hyperplasia Inflammation Parakeratosis Parakeratosis	Minimal Mild Squamous, Minimal Squamous, Mild Chronic Active, Minimal Mild
* Spleen		Atrophy	Lymphoid, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 1102

TRT#: 12

SEX: Female

DAY ON TEST: 6

DOSE: 7.0 ppm

DISP: Natural Death

HISTO: 59586

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Atrophy

Lymphoid, Moderate

* Trachea

Inflammation

Chronic Active, Minimal

Necrosis

Marked

Experiment Number: 20727 - 02
 Test Type: 90-DAY
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
 CAS Number: 643-79-8

Date Report Requested: 10/16/2015
 Time Report Requested: 12:33:56
 First Dose M/F: 01/19/09 / 01/19/09
 Lab: BNW

ANIMAL ID: 1103

TRT#: 12

SEX: Female

DAY ON TEST: 5

DOSE: 7.0 ppm

DISP: Natural Death

HISTO: 59587

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Harderian Gland
* Heart	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Islets, Pancreatic	* Kidney	* Liver	* Lymph Node, Bronchial
* Lymph Node, Mesenteric	* Mammary Gland	* Ovary	* Pancreas
* Parathyroid Gland	* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular
* Thyroid Gland	* Urinary Bladder	* Uterus	

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mediastinal
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Pituitary Gland			

OBSERVATIONS

* Eye	Cornea	Necrosis	Minimal
* Larynx		Inflammation	Chronic Active, Mild
		Metaplasia	Squamous, Marked
		Necrosis	Mild
* Lung	Bronchus	Inflammation	Chronic Active, Minimal
	Bronchus	Necrosis	Moderate
* Nose	Olfactory Epi	Atrophy	Mild
		Inflammation	Suppurative, Mild
	Respirat Epith	Necrosis	Mild
* Skin	Adnexa	Degeneration	Minimal
	Adnexa, Pinna	Degeneration	Mild
		Hyperplasia	Squamous, Minimal
	Pinna	Hyperplasia	Squamous, Mild
		Inflammation	Chronic Active, Mild
	Pinna	Inflammation	Chronic Active, Minimal
	Epidermis	Necrosis	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 1103

TRT#: 12

SEX: Female

DAY ON TEST: 5

DOSE: 7.0 ppm

DISP: Natural Death

HISTO: 59587

ORGAN AND ACCOUNTABLE SITE STATUS

	Epithelium, Hair Follicle	Parakeratosis	Mild
	Epithelium, Hair Follicle, Pinna	Parakeratosis	Mild
* Spleen		Atrophy	Lymphoid, Minimal
* Thymus		Atrophy	Lymphoid, Moderate
* Trachea		Inflammation	Chronic Active, Minimal
		Necrosis	Marked

Experiment Number: 20727 - 02
 Test Type: 90-DAY
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
 CAS Number: 643-79-8

Date Report Requested: 10/16/2015
 Time Report Requested: 12:33:56
 First Dose M/F: 01/19/09 / 01/19/09
 Lab: BNW

ANIMAL ID: 1104

TRT#: 12

SEX: Female

DAY ON TEST: 5

DOSE: 7.0 ppm

DISP: Natural Death

HISTO: 59588

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Islets, Pancreatic	* Kidney
* Liver	* Lymph Node, Bronchial	* Mammary Gland	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Thyroid Gland
* Urinary Bladder	* Uterus		

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Parathyroid Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric
* Spleen	* Stomach, Forestomach	* Stomach, Glandular	

OBSERVATIONS

* Larynx		Inflammation Metaplasia Necrosis	Chronic Active, Moderate Squamous, Marked Moderate
* Lung	Bronchus Bronchus	Inflammation Necrosis	Chronic Active, Mild Moderate
* Nose	Olfactory Epi	Atrophy Inflammation	Minimal Suppurative, Minimal
* Skin	Respirat Epith Adnexa Adnexa, Pinna Pinna Pinna Epidermis Epithelium, Hair Follicle Epithelium, Hair Follicle, Pinna	Necrosis Degeneration Degeneration Hyperplasia Inflammation Inflammation Necrosis Parakeratosis Parakeratosis	Moderate Mild Mild Squamous, Mild Chronic Active, Minimal Chronic Active, Minimal Minimal Moderate Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 1104

TRT#: 12

SEX: Female

DAY ON TEST: 5

DOSE: 7.0 ppm

DISP: Natural Death

HISTO: 59588

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Atrophy

Lymphoid, Moderate

* Trachea

Inflammation

Chronic Active, Minimal

Metaplasia

Squamous, Minimal

Necrosis

Moderate

Experiment Number: 20727 - 02
 Test Type: 90-DAY
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
 CAS Number: 643-79-8

Date Report Requested: 10/16/2015
 Time Report Requested: 12:33:56
 First Dose M/F: 01/19/09 / 01/19/09
 Lab: BNW

ANIMAL ID: 1105

TRT#: 12

SEX: Female

DAY ON TEST: 5

DOSE: 7.0 ppm

DISP: Natural Death

HISTO: 59589

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Harderian Gland	* Heart
* Islets, Pancreatic	* Kidney	* Liver	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mediastinal	* Parathyroid Gland
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AUTO PRECLUDES DIAG.

* Bone Marrow	* Eye	* Gallbladder	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum			

OBSERVATIONS

* Larynx		Inflammation Metaplasia Necrosis Regeneration	Chronic Active, Moderate Squamous, Marked Mild Mild
* Lung	Bronchus Bronchus	Inflammation Necrosis	Chronic Active, Mild Moderate
* Nose	Olfactory Epi Respirat Epith	Atrophy Necrosis	Mild Mild
* Skin	Adnexa Adnexa, Pinna Pinna Pinna Epithelium, Hair Follicle Epithelium, Hair Follicle, Pinna	Degeneration Degeneration Hyperplasia Hyperplasia Inflammation Parakeratosis Parakeratosis Atrophy	Mild Mild Squamous, Minimal Squamous, Minimal Chronic Active, Mild Mild Mild Lymphoid, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 1105

TRT#: 12

SEX: Female

DAY ON TEST: 5

DOSE: 7.0 ppm

DISP: Natural Death

HISTO: 59589

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Atrophy

Lymphoid, Moderate

* Trachea

Inflammation

Chronic Active, Minimal

Metaplasia

Squamous, Mild

Necrosis

Minimal

Regeneration

Mild

Experiment Number: 20727 - 02
 Test Type: 90-DAY
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
 CAS Number: 643-79-8

Date Report Requested: 10/16/2015
 Time Report Requested: 12:33:56
 First Dose M/F: 01/19/09 / 01/19/09
 Lab: BNW

ANIMAL ID: 1106

TRT#: 12

SEX: Female

DAY ON TEST: 6

DOSE: 7.0 ppm

DISP: Natural Death

HISTO: 59590

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Esophagus	* Heart	* Kidney
* Liver	* Ovary	* Salivary Glands	* Thyroid Gland
* Urinary Bladder			

MISSING

* Clitoral Gland	* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
* Mammary Gland	* Parathyroid Gland	* Pituitary Gland	

AUTO PRECLUDES DIAG.

* Gallbladder	* Harderian Gland	* Intestine Large, Cecum	* Intestine Large, Colon
* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum
* Islets, Pancreatic	* Lymph Node, Mesenteric	* Pancreas	* Stomach, Forestomach
* Stomach, Glandular	* Uterus		

OBSERVATIONS

* Eye	Cornea	Inflammation	Suppurative, Minimal
* Larynx		Inflammation	Chronic Active, Moderate
		Metaplasia	Squamous, Marked
		Necrosis	Mild
		Regeneration	Mild
* Lung	Bronchus	Inflammation	Chronic Active, Minimal
	Bronchus	Necrosis	Mild
	Bronchus	Regeneration	Minimal
* Nose	Olfactory Epi	Atrophy	Minimal
		Inflammation	Suppurative, Minimal
	Respirat Epith	Necrosis	Moderate
* Skin	Adnexa	Degeneration	Mild
	Adnexa, Pinna	Degeneration	Mild
	Pinna	Hyperplasia	Squamous, Minimal
		Inflammation	Chronic Active, Minimal
	Pinna	Inflammation	Chronic Active, Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20727 - 02

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

ortho-Phthalaldehyde

CAS Number: 643-79-8

Date Report Requested: 10/16/2015

Time Report Requested: 12:33:56

First Dose M/F: 01/19/09 / 01/19/09

Lab: BNW

ANIMAL ID: 1106

TRT#: 12

SEX: Female

DAY ON TEST: 6

DOSE: 7.0 ppm

DISP: Natural Death

HISTO: 59590

ORGAN AND ACCOUNTABLE SITE STATUS

	Epithelium, Hair Follicle	Parakeratosis	Moderate
	Epithelium, Hair Follicle, Pinna	Parakeratosis	Mild
* Spleen		Atrophy	Lymphoid, Moderate
* Thymus		Atrophy	Lymphoid, Moderate
* Trachea		Inflammation	Chronic Active, Mild
		Necrosis	Marked

Experiment Number: 20727 - 02
 Test Type: 90-DAY
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
 CAS Number: 643-79-8

Date Report Requested: 10/16/2015
 Time Report Requested: 12:33:56
 First Dose M/F: 01/19/09 / 01/19/09
 Lab: BNW

ANIMAL ID: 1107

TRT#: 12

SEX: Female

DAY ON TEST: 4

DOSE: 7.0 ppm

DISP: Natural Death

HISTO: 59591

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Brain
* Clitoral Gland	* Esophagus	* Harderian Gland	* Heart
* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum
* Intestine Small, Ileum	* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney
* Liver	* Lymph Node, Mesenteric	* Mammary Gland	* Ovary
* Pancreas	* Parathyroid Gland	* Pituitary Gland	* Salivary Glands
* Thyroid Gland			

MISSING

* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal
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AUTO PRECLUDES DIAG.

* Bone Marrow	* Gallbladder	* Stomach, Forestomach	* Stomach, Glandular
* Urinary Bladder	* Uterus		

OBSERVATIONS

* Eye	Cornea	Inflammation	Suppurative, Minimal
* Larynx		Inflammation	Chronic Active, Marked
		Necrosis	Moderate
* Lung	Bronchus	Inflammation	Chronic Active, Minimal
	Bronchus	Necrosis	Moderate
	Bronchus	Ulcer	Mild
* Nose	Olfactory Epi	Atrophy	Mild
		Inflammation	Suppurative, Mild
	Respirat Epith	Necrosis	Mild
	Respirat Epith	Regeneration	Minimal
* Skin	Adnexa	Degeneration	Minimal
	Adnexa, Pinna	Degeneration	Mild
	Pinna	Hyperplasia	Squamous, Minimal
		Inflammation	Chronic Active, Mild
	Pinna	Inflammation	Chronic Active, Minimal
	Epidermis	Necrosis	Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20727 - 02

Test Type: 90-DAY

Route: RESPIRATORY EXPOSURE WHOLE BODY

Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

ortho-Phthalaldehyde

CAS Number: 643-79-8

Date Report Requested: 10/16/2015

Time Report Requested: 12:33:56

First Dose M/F: 01/19/09 / 01/19/09

Lab: BNW

ANIMAL ID: 1107

TRT#: 12

SEX: Female

DAY ON TEST: 4

DOSE: 7.0 ppm

DISP: Natural Death

HISTO: 59591

ORGAN AND ACCOUNTABLE SITE STATUS

	Epithelium, Hair Follicle	Parakeratosis	Mild
	Epithelium, Hair Follicle, Pinna	Parakeratosis	Mild
* Spleen		Atrophy	Lymphoid, Minimal
* Thymus		Atrophy	Lymphoid, Moderate
* Trachea		Inflammation	Chronic Active, Minimal
		Necrosis	Marked

Experiment Number: 20727 - 02
 Test Type: 90-DAY
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
 CAS Number: 643-79-8

Date Report Requested: 10/16/2015
 Time Report Requested: 12:33:56
 First Dose M/F: 01/19/09 / 01/19/09
 Lab: BNW

ANIMAL ID: 1108

TRT#: 12

SEX: Female

DAY ON TEST: 3

DOSE: 7.0 ppm

DISP: Natural Death

HISTO: 59592

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Harderian Gland	* Heart	* Intestine Large, Cecum	* Intestine Large, Rectum
* Islets, Pancreatic	* Kidney	* Liver	* Lymph Node, Bronchial
* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric	* Mammary Gland
* Ovary	* Pancreas	* Parathyroid Gland	* Pituitary Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Urinary Bladder	* Uterus		

AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Colon	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum			

OBSERVATIONS

* Larynx		Inflammation Metaplasia Necrosis	Chronic Active, Marked Squamous, Mild Moderate
* Lung	Bronchus Bronchus	Inflammation Necrosis	Chronic Active, Minimal Moderate
* Nose	Olfactory Epi Respirat Epith Respirat Epith Respirat Epith	Atrophy Necrosis Regeneration Ulcer	Mild Mild Minimal Minimal
* Skin	Adnexa Adnexa, Pinna Pinna Pinna Epidermis Epithelium, Hair Follicle Epithelium, Hair Follicle, Pinna	Degeneration Degeneration Hyperplasia Inflammation Inflammation Necrosis Parakeratosis Parakeratosis	Minimal Minimal Squamous, Minimal Chronic Active, Minimal Chronic Active, Minimal Moderate Minimal Mild
* Spleen		Atrophy	Lymphoid, Minimal

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 1108

TRT#: 12

SEX: Female

DAY ON TEST: 3

DOSE: 7.0 ppm

DISP: Natural Death

HISTO: 59592

ORGAN AND ACCOUNTABLE SITE STATUS

* Thymus

Atrophy

Lymphoid, Minimal

* Trachea

Inflammation

Chronic Active, Minimal

Necrosis

Marked

Experiment Number: 20727 - 02
 Test Type: 90-DAY
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
 CAS Number: 643-79-8

Date Report Requested: 10/16/2015
 Time Report Requested: 12:33:56
 First Dose M/F: 01/19/09 / 01/19/09
 Lab: BNW

ANIMAL ID: 1109

TRT#: 12

SEX: Female

DAY ON TEST: 4

DOSE: 7.0 ppm

DISP: Natural Death

HISTO: 59593

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Harderian Gland
* Heart	* Islets, Pancreatic	* Kidney	* Liver
* Lung	* Lymph Node, Bronchial	* Mammary Gland	* Ovary
* Pancreas	* Pituitary Gland	* Salivary Glands	* Stomach, Forestomach
* Stomach, Glandular	* Thyroid Gland	* Urinary Bladder	* Uterus

MISSING

* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Parathyroid Gland
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AUTO PRECLUDES DIAG.

* Gallbladder	* Intestine Large, Cecum	* Intestine Large, Colon	* Intestine Large, Rectum
* Intestine Small, Duodenum	* Intestine Small, Ileum	* Intestine Small, Jejunum	* Lymph Node, Mesenteric

OBSERVATIONS

* Eye	Cornea	Inflammation	Suppurative, Minimal
	Cornea	Necrosis	Mild
* Larynx		Inflammation	Chronic Active, Moderate
		Metaplasia	Squamous, Marked
		Necrosis	Moderate
* Nose	Olfactory Epi	Atrophy	Mild
		Inflammation	Suppurative, Minimal
	Respirat Epith	Necrosis	Moderate
	Respirat Epith	Regeneration	Mild
* Skin	Adnexa	Degeneration	Minimal
	Adnexa, Pinna	Degeneration	Minimal
		Hyperplasia	Squamous, Minimal
	Pinna	Hyperplasia	Squamous, Minimal
		Inflammation	Chronic Active, Minimal
	Pinna	Inflammation	Chronic Active, Minimal
	Epithelium, Hair Follicle	Parakeratosis	Mild
	Epithelium, Hair Follicle, Pinna	Parakeratosis	Mild

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
ortho-Phthalaldehyde
CAS Number: 643-79-8

Date Report Requested: 10/16/2015
Time Report Requested: 12:33:56
First Dose M/F: 01/19/09 / 01/19/09
Lab: BNW

ANIMAL ID: 1109

TRT#: 12

SEX: Female

DAY ON TEST: 4

DOSE: 7.0 ppm

DISP: Natural Death

HISTO: 59593

ORGAN AND ACCOUNTABLE SITE STATUS

* Spleen

Atrophy

Lymphoid, Mild

* Thymus

Atrophy

Lymphoid, Moderate

* Trachea

Inflammation

Chronic Active, Minimal

Necrosis

Marked

Experiment Number: 20727 - 02
 Test Type: 90-DAY
 Route: RESPIRATORY EXPOSURE WHOLE BODY
 Species/Strain: MICE/B6C3F1

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA
 ortho-Phthalaldehyde
 CAS Number: 643-79-8

Date Report Requested: 10/16/2015
 Time Report Requested: 12:33:56
 First Dose M/F: 01/19/09 / 01/19/09
 Lab: BNW

ANIMAL ID: 1110

TRT#: 12

SEX: Female

DAY ON TEST: 5

DOSE: 7.0 ppm

DISP: Moribund Sacrifice

HISTO: 59594

ORGAN AND ACCOUNTABLE SITE STATUS

NORMAL

* Adrenal Cortex	* Adrenal Medulla	* Bone	* Bone Marrow
* Brain	* Clitoral Gland	* Esophagus	* Eye
* Gallbladder	* Harderian Gland	* Heart	* Intestine Large, Cecum
* Intestine Large, Colon	* Intestine Large, Rectum	* Intestine Small, Duodenum	* Intestine Small, Ileum
* Intestine Small, Jejunum	* Islets, Pancreatic	* Kidney	* Liver
* Lymph Node, Bronchial	* Lymph Node, Mandibular	* Lymph Node, Mediastinal	* Lymph Node, Mesenteric
* Mammary Gland	* Ovary	* Pancreas	* Pituitary Gland
* Salivary Glands	* Stomach, Forestomach	* Stomach, Glandular	* Thyroid Gland
* Urinary Bladder	* Uterus		

MISSING

* Parathyroid Gland	* Spleen
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OBSERVATIONS

* Larynx		Inflammation Metaplasia Necrosis	Chronic Active, Moderate Squamous, Marked Mild
* Lung	Bronchus Bronchus	Inflammation Necrosis	Chronic Active, Minimal Mild
* Nose	Olfactory Epi	Atrophy Inflammation	Mild Suppurative, Mild
	Respirat Epith	Necrosis	Moderate
* Skin	Respirat Epith Adnexa, Pinna	Regeneration Degeneration	Mild Mild
	Pinna	Hyperplasia Hyperplasia	Squamous, Minimal Squamous, Moderate
	Pinna	Inflammation	Chronic Active, Minimal
	Epidermis	Inflammation	Chronic Active, Mild
	Epithelium, Hair Follicle	Necrosis	Minimal
	Epithelium, Hair Follicle, Pinna	Parakeratosis	Moderate
* Thymus		Parakeratosis Atrophy	Mild Lymphoid, Moderate

* PROTOCOL REQUIRED TISSUE

Experiment Number: 20727 - 02
Test Type: 90-DAY
Route: RESPIRATORY EXPOSURE WHOLE BODY
Species/Strain: MICE/B6C3F1

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ortho-Phthalaldehyde
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Lab: BNW

ANIMAL ID: 1110

TRT#: 12

SEX: Female

DAY ON TEST: 5

DOSE: 7.0 ppm

DISP: Moribund Sacrifice

HISTO: 59594

ORGAN AND ACCOUNTABLE SITE STATUS

* Trachea

Inflammation

Chronic Active, Mild

Necrosis

Moderate

Regeneration

Mild

*** END OF REPORT ***