

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:12

**First Dose M/F:** NA / NA

**Lab:** NA

**C Number:** C50351

**Cage Range:** All

**Date Range:** All

**Reasons For Removal:** All

**Removal Date Range:** All

**Treatment Groups:** All

**Study Gender:** Female

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:12  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_001

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 050.0 UG/100UL

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Bone marrow		Hemangioma
Kidney	Tubule	Dilatation, Nos
Liver		Lymphocytic Inflammatory Infiltrate
Lung		Lymphocytic Inflammatory Infiltrate
Mammary gland	Mammary Acinus	Hyperplasia, Focal
Ovary		Cyst, Follicular Nos
Skin	Shoulder	Acanthosis
	Shoulder	Hyperkeratosis
	Shoulder	Inflammation, Active Chronic
Stomach	Forestomach	Dysplasia, Nos
Thymus		Depletion, Lymphoid
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:12

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 1\_002

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 050.0 UG/100UL

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Skin

Shoulder

Acanthosis

Shoulder

Hyperkeratosis

Unspecified

Multiple Organs Nos

Lymphoma, Lymphocytic-Malignant Type

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:12  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_003

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 050.0 UG/100UL

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Kidney	Cortex	Cyst, Nos
	Bowmans Capsule	Dilatation, Nos
Lung		Alveolar/Bronchiolar Carcinoma
Mammary gland		Dilatation, Ducts
	Mammary Acinus	Hyperplasia, Focal
Ovary		Cyst, Follicular Nos
Skin	Shoulder	Acanthosis
	Shoulder	Inflammation, Active Chronic
	Back	Squamous Cell Papilloma
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:12  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_004

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 050.0 UG/100UL

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Bone marrow		Hyperplasia, Granulocytic
Heart	Epicardium	Inflammation, Chronic Focal
Kidney		Nephropathy
Lung		Alveolar/Bronchiolar Adenoma
Ovary		Cyst, Follicular Nos
Skin	Shoulder	Acanthosis
	Shoulder	Inflammation, Active Chronic
Stomach	Glandular Stomach	Dysplasia, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:12  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_005

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 050.0 UG/100UL

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Bone marrow		Hyperplasia, Granulocytic
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver	Hepatocytes	Cell-Size Alteration
Lung		Alveolar/Bronchiolar Adenoma
Mammary gland	Mammary Acinus	Hyperplasia, Cystic
Ovary		Cyst, Follicular Nos
Skin	Shoulder	Basal-Cell Carcinoma
	Shoulder	Inflammation, Active Chronic
	Shoulder	Ulcer, Nos
Spleen	Follicles	Depletion, Lymphoid
	Red Pulp	Hematopoiesis
Stomach	Glandular Stomach	Dysplasia, Nos
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:12  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_006

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 050.0 UG/100UL

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Zona Fasciculata	Degeneration, Lipoid
	Capsule	Hyperplasia, Focal
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
	Hepatocytes	Necrosis, Focal
Lung		Alveolar/Bronchiolar Adenoma
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
	Mandibular Lymph Node	Pigmentation, Nos
Ovary	Follicle	Cyst, Hemorrhagic
	Follicle	Cyst, Multiple
Skin	Shoulder	Acanthosis
	Shoulder	Hyperkeratosis
	Shoulder	Inflammation, Active Chronic
Spleen	Follicles	Depletion, Lymphoid
	Red Pulp	Hematopoiesis
Stomach	Glandular Stomach	Dysplasia, Nos
Thymus		Hyperplasia, Lymphoid
Thyroid		Cyst, Follicular Nos
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:12

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 1\_007

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 050.0 UG/100UL

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Bone marrow		Hyperplasia, Granulocytic
Kidney		Nephropathy
Ovary	Follicle	Cyst, Multiple
Skin	Shoulder	Squamous Cell Carcinoma
Stomach	Glandular Stomach	Diverticulum
Thymus		Hyperplasia, Lymphoid
Uterus	Endometrial Gland	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:12

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 1\_008

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 050.0 UG/100UL

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland	Zona Fasciculata	Degeneration, Lipoid
Kidney		Nephropathy
Lung		Inflammation, Granulomatous Focal
Ovary		Cyst, Follicular Nos
Skin	Shoulder	Acanthosis
	Shoulder	Inflammation, Active Chronic
Spleen	Follicles	Depletion, Lymphoid
Stomach	Glandular Stomach	Dysplasia, Nos
Thymus		Depletion, Lymphoid
Uterus	Endometrial Gland	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:12  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_009

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 050.0 UG/100UL

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Kidney		Glomerulonephritis, Focal
Liver	Hepatocytes	Necrosis, Focal
Lymph node	Axillary Lymph Node	Necrosis, Focal
	Axillary Lymph Node	Plasmacytosis
Mammary gland		Dilatation, Ducts
Skin	Thorax	Acanthosis
	Shoulder	Hyperkeratosis
	Shoulder	Inflammation, Active Chronic
	Thorax	Inflammation, Active Chronic
	Thorax	Ulcer, Nos
Spleen	Follicles	Depletion, Lymphoid
	Red Pulp	Hematopoiesis

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:12  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_010

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 050.0 UG/100UL

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Kidney		Nephropathy
Liver	Kupffer Cell	Amyloidosis
		Hematopoiesis
Lung		Alveolar Macrophages
		Inflammation, Interstitial
Lymph node	Mandibular Lymph Node	Hematopoiesis
Ovary		Cyst, Follicular Nos
Pancreas		Fibrosis, Focal
Skin	Shoulder	Acanthosis
	Shoulder	Hyperkeratosis
Spleen	Follicles	Amyloidosis
	Red Pulp	Hematopoiesis
Unspecified	Shoulder	Inflammation, Chronic Focal
Uterus		Hemangiosarcoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:12

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 1\_011

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 050.0 UG/100UL

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Bone marrow		Hyperplasia, Granulocytic
Kidney		Nephropathy
Liver	Hepatocytes	Cytoplasmic Vacuolization
	Hepatocytes	Degeneration, Nos
Lung		Alveolar/Bronchiolar Carcinoma
		Pneumonia, Interstitial Chronic
Ovary		Cyst, Follicular Nos
Skin	Shoulder	Acanthosis
Spleen	Red Pulp	Hematopoiesis
Stomach	Glandular Stomach	Dysplasia, Nos
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:12  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_012

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 050.0 UG/100UL

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Zona Fasciculata Capsule	Degeneration, Lipoid Hyperplasia, Focal
Bone marrow		Hyperplasia, Granulocytic
Harderian gland	Hardarian Gland Hardarian Gland	Lymphocytic Inflammatory Infiltrate Retention Of Content
Kidney		Glomerulonephritis, Subacute Nephropathy
Lung	Alveoli	Hemorrhage Inflammation, Interstitial
Mammary gland		Adenocarcinoma, Nos Dilatation, Ducts
Ovary		Cyst, Follicular Nos
Skin	Shoulder Shoulder Shoulder	Acanthosis Hyperkeratosis Inflammation, Active Chronic
Spleen	Red Pulp	Hematopoiesis
Stomach	Glandular Stomach	Dysplasia, Nos
Thymus		Hyperplasia, Lymphoid
Thyroid		Hyperplasia, Follicular Cell
Uterus		Dilatation, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:12  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_013

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 050.0 UG/100UL

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Zona Fasciculata Capsule	Degeneration, Lipoid Hyperplasia, Focal
Bone marrow		Necrosis, Focal
Kidney		Nephropathy
Liver	Hepatocytes Hepatocytes	Cell-Size Alteration Degeneration, Nos Hematopoiesis
Lung		Inflammation, Interstitial
Ovary		Cyst, Follicular Nos
Skin	Shoulder Shoulder Shoulder	Acanthosis Inflammation, Active Chronic Ulcer, Nos
Stomach	Glandular Stomach Glandular Stomach	Diverticulum Dysplasia, Nos
Thyroid		Cyst, Follicular Nos
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:12  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_014

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 050.0 UG/100UL

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Zona Fasciculata	Degeneration, Lipoid
	Capsule	Hyperplasia, Focal
Kidney	Tubule	Dilatation, Nos
		Nephropathy
Liver		Hepatocellular Adenoma
Lung		Alveolar/Bronchiolar Carcinoma
Ovary		Cyst, Follicular Nos
Skin	Shoulder	Squamous Cell Papilloma
Stomach	Forestomach	Cyst, Epidermal Inclusion
	Glandular Stomach	Dysplasia, Nos
Thymus		Depletion, Lymphoid
Unspecified	Multiple Organs Nos	Hemangiosarcoma, Uncertain Primary Or Metastatic
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:12  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_015

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 050.0 UG/100UL

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Zona Fasciculata	Degeneration, Lipoid
	Capsule	Hyperplasia, Focal
Heart	Epicardium	Hyperplasia, Mesothelial
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
	Hepatocytes	Necrosis, Focal
Ovary		Cyst, Follicular Nos
Skin	Shoulder	Acanthosis
	Shoulder	Hyperkeratosis
	Shoulder	Inflammation, Active Chronic
	Shoulder	Ulcer, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-



**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:12  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 1\_016

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 050.0 UG/100UL

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Capsule

Hyperplasia, Focal

Ovary

Cyst, Follicular Nos

Skin

Shoulder

Acanthosis

Shoulder

Inflammation, Active Chronic

Stomach

Glandular Stomach

Dysplasia, Nos

Unspecified

Multiple Organs Nos

Lymphoma, Mixed-Malignant Type

Uterus

Endometrial Gland

Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:12

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 1\_017

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 050.0 UG/100UL

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Lung		Alveolar/Bronchiolar Adenoma
Ovary	Follicle	Cyst, Multiple
Skin	Shoulder	Acanthosis
	Shoulder	Hyperkeratosis
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:12  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_018

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 050.0 UG/100UL

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Bone	Knee Joint Nos Femur	Hyperplasia, Focal Osteoma
Bone marrow		Hyperplasia, Granulocytic
Liver	Hepatocytes	Cell-Size Alteration
Lung		Alveolar/Bronchiolar Adenoma
Ovary		Cyst, Follicular Nos Cyst, Parovarian
Skin	Shoulder Shoulder Abdomen Abdomen	Acanthosis Hyperkeratosis Inflammation, Active Chronic Ulcer, Nos
Spleen	Red Pulp	Hematopoiesis
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:12

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 1\_019

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 050.0 UG/100UL

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Kidney	Tubule	Dilatation, Nos
Ovary	Follicle	Cyst, Multiple
	Follicle	Necrosis, Focal
		Pigmentation, Nos
Skin	Shoulder	Acanthosis
	Shoulder	Hyperkeratosis
Stomach	Glandular Stomach	Dysplasia, Nos
Thymus		Hyperplasia, Lymphoid
	Lymphocytes	Necrosis, Focal
Thyroid	Follicle	Cyst, Multiple
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:12

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 1\_020

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 050.0 UG/100UL

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Intestine Large

Colon

Parasitism

Kidney

Medulla

Inflammation, Interstitial

Liver

Hepatocytes

Cytoplasmic Vacuolization

Lung

Inflammation, Interstitial

Ovary

Cyst, Follicular Nos

Spleen

Red Pulp

Hematopoiesis

Thymus

Inflammation, Acute/Chronic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:12

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 1\_021

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 050.0 UG/100UL

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Bone marrow		Hyperplasia, Granulocytic
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver	Kupffer Cell	Amyloidosis
Lymph node	Mandibular Lymph Node	Hematopoiesis
	Mandibular Lymph Node	Histiocytosis
Ovary	Follicle	Necrosis, Focal
Skin	Back	Acanthosis
	Neck	Acanthosis
	Shoulder	Acanthosis
	Back	Inflammation, Active Chronic
	Neck	Inflammation, Active Chronic
	Shoulder	Inflammation, Active Chronic
	Neck	Ulcer, Nos
	Shoulder	Ulcer, Nos
Spleen	Follicles	Amyloidosis
Thyroid	Parafollicular Cells	Amyloidosis
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:12  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_022

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 050.0 UG/100UL

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Bone marrow		Hyperplasia, Granulocytic
Heart	Myocardium Nos	Degeneration, Nos
Liver		Hematopoiesis
Lung		Inflammation, Interstitial
Lymph node	Renal Lymph Node	Hematopoiesis
Ovary	Follicle	Cyst, Multiple
Skin	Shoulder	Acanthosis
	Shoulder	Hyperkeratosis
	Shoulder	Inflammation, Active Chronic
Spleen	Red Pulp	Hematopoiesis
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus		Dilatation, Nos
		Endometrial Stromal Polyp
	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:12

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_023

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 050.0 UG/100UL

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland  
Esophagus  
Kidney

Capsule

Hyperplasia, Focal  
Inflammation, Acute Focal  
Glomerulonephritis, Subacute  
Nephropathy

Skin

Shoulder  
Shoulder  
Shoulder

Acanthosis  
Hyperkeratosis  
Inflammation, Active Chronic

Stomach

Glandular Stomach

Dysplasia, Nos

---

**PRIMARY CAUSE OF DEATH**

-

---

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:12

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_024

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 050.0 UG/100UL

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Bone marrow

Hyperplasia, Granulocytic

Skin

Shoulder

Acanthosis

Shoulder

Basal-Cell Carcinoma

Spleen

Red Pulp

Hematopoiesis

Stomach

Glandular Stomach

Dysplasia, Nos

Uterus

Endometrial Gland

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:12  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_025

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 050.0 UG/100UL

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Zona Fasciculata	Cytoplasmic Change, Nos
	Zona Fasciculata	Degeneration, Lipoid
Gall bladder		Dilatation, Nos
Kidney		Nephropathy
		Nephrosis, Hydro
Lung		Alveolar/Bronchiolar Adenoma
Mammary gland		Adenocarcinoma, Nos
	Mammary Acinus	Hyperplasia, Focal
		Hyperplasia, Focal
Ovary		Cyst, Follicular Nos
Spleen	Red Pulp	Hematopoiesis
Stomach	Glandular Stomach	Dysplasia, Nos
Thyroid		Cyst, Follicular Nos
Urinary bladder		Transitional-Cell Carcinoma
Uterus		Endometrial Stromal Polyp
	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:12  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_026

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 050.0 UG/100UL

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Cast, Nos
	Tubule	Dilatation, Nos
		Nephropathy
Liver	Centrilobular	Inflammation, Active Chronic
Lung		Congestion, Acute
Mammary gland	Mammary Acinus	Dilatation, Nos
Ovary		Cyst, Follicular Nos
Skin	Chest	Acanthosis
	Shoulder	Acanthosis
	Chest	Hyperkeratosis
	Shoulder	Hyperkeratosis
	Chest	Inflammation, Active Chronic
	Chest	Ulcer, Nos
Spleen	Red Pulp	Hematopoiesis
Stomach	Glandular Stomach	Dysplasia, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:12  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_027

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 050.0 UG/100UL

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Zona Fasciculata Capsule	Degeneration, Lipoid Hyperplasia, Focal
Blood		Leukocytosis, Neutrophilic
Bone marrow		Hyperplasia, Granulocytic
Liver	Centrilobular	Necrosis, Focal
Lung		Leukocytosis, Neutrophilic
Ovary	Follicle	Cyst, Multiple
Skin	Shoulder	Squamous Cell Carcinoma
Spleen	Red Pulp	Hematopoiesis
Stomach	Glandular Stomach	Dysplasia, Nos
Thyroid	Follicle	Cyst, Multiple
Uterus	Endometrial Gland	Hyperplasia, Cystic Leiomyosarcoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:12  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_028

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 050.0 UG/100UL

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Zona Fasciculata	Degeneration, Lipoid
Liver		Inflammation, Granulomatous Focal
Ovary	Follicle	Necrosis, Focal
Skin	Shoulder	Acanthosis
	Shoulder	Hyperkeratosis
	Shoulder	Inflammation, Active Chronic
Spleen	Follicles	Depletion, Lymphoid
Stomach	Glandular Stomach	Dysplasia, Nos
Thymus		Depletion, Lymphoid
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:12  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_029

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 050.0 UG/100UL

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Necrosis, Focal
Heart	Rt. Ventricle	Hemorrhage
	Rt. Ventricle	Inflammation, Acute Focal
Kidney		Nephropathy
	Tubule	Pigmentation, Nos
Liver	Hepatocytes	Degeneration, Nos
		Hemorrhage
Lymph node	Pancreatic Lymph Node	Hemorrhage
Ovary		Cyst, Follicular Nos
	Follicle	Cyst, Hemorrhagic
Salivary gland		Hemorrhage
Skin	Shoulder	Acanthosis
	Shoulder	Hyperkeratosis
Spleen	Red Pulp	Hematopoiesis
Stomach	Glandular Stomach	Dysplasia, Nos
Thymus		Congestion, Nos
Unspecified	Abdomen	Edema, Nos
	Back	Inflammation, Active Chronic
	Shoulder	Inflammation, Active Chronic
	Abdomen	Inflammation, Acute/Chronic
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:12  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_030

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 050.0 UG/100UL

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Bone marrow		Hyperplasia, Granulocytic
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Lung		Alveolar/Bronchiolar Carcinoma
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Ovary		Cyst, Follicular Nos
Skin	Shoulder	Acanthosis
	Shoulder	Hyperkeratosis
	Shoulder	Inflammation, Active Chronic
	Shoulder	Ulcer, Nos
Spleen	Red Pulp	Hematopoiesis
Stomach	Glandular Stomach	Dysplasia, Nos
Thyroid	Follicle	Cyst, Multiple
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:12

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_031

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 050.0 UG/100UL

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Intestine Large

Colon

Parasitism

Kidney

Degeneration, Nos

Liver

Hepatocytes

Necrosis, Focal

Skin

Shoulder

Acanthosis

Thymus

Shoulder

Squamous Cell Carcinoma

Depletion, Lymphoid

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:12  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 1\_032

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 050.0 UG/100UL

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Skin

Shoulder

Acanthosis

Shoulder

Hyperkeratosis

Shoulder

Inflammation, Active Chronic

Unspecified

Shoulder

Fibrosis, Multifocal

Multiple Organs Nos

Lymphoma, Undifferentiated-Malignant Type

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:12

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_033

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 050.0 UG/100UL

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Large

Submucosa, Colon

Necrosis, Nos

Kidney

Tubule

Regeneration, Nos

Lung

Congestion, Nos

Lymph node

Mandibular Lymph Node

Necrosis, Focal

Skin

Shoulder

Acanthosis

Shoulder

Inflammation, Active Chronic

Shoulder

Ulcer, Nos

Spleen

Depletion, Lymphoid

Thymus

Lymphocytes

Necrosis, Focal

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:12

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 1\_034

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 050.0 UG/100UL

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Kidney

Tubule

Cyst, Multiple

Ovary

Follicle

Necrosis, Focal

Skin

Shoulder

Acanthosis

Spleen

Depletion, Lymphoid

Thymus

Depletion, Lymphoid

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:12

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_035

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 050.0 UG/100UL

**DISP:** Terminal Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Intestine Large  
Ovary

Colon

Parasitism  
Cyst, Follicular Nos  
Luteoma

Skin

Shoulder  
Shoulder  
Shoulder

Acanthosis  
Hyperkeratosis  
Inflammation, Active Chronic

Stomach

Glandular Stomach

Dysplasia, Nos

Unspecified

Multiple Organs Nos

Lymphoma, Mixed-Malignant Type

Uterus

Endometrial Gland

Hyperplasia, Cystic

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PRIMARY CAUSE OF DEATH

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:12  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_036

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 050.0 UG/100UL

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Bone marrow		Hyperplasia, Granulocytic
Kidney	Tubule	Dilatation, Nos
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
		Hepatocellular Adenoma
	Hepatocytes	Necrosis, Focal
Lung		Alveolar/Bronchiolar Carcinoma
Lymph node	Mandibular Lymph Node	Hemorrhage
Ovary		Cyst, Follicular Nos
		Hemangioma
Pituitary gland		Hyperplasia, Focal
Skin	Shoulder	Acanthosis
	Shoulder	Hyperkeratosis
	Shoulder	Inflammation, Active Chronic
	Shoulder	Ulcer, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:12  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_037

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 050.0 UG/100UL

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Zona Fasciculata

Atrophy, Nos

Zona Fasciculata

Cell-Size Alteration

Zona Fasciculata

Congestion, Nos

Capsule

Hyperplasia, Focal

Esophagus

Dilatation, Nos

Intestine Large

Colon

Parasitism

Lung

Alveolar/Bronchiolar Adenoma

Hyperplasia, Alveolar Epithelium

Pneumonia, Aspiration

Lymph node

Mandibular Lymph Node

Hemorrhage

Ovary

Follicle

Cyst, Hemorrhagic

Skin

Shoulder

Acanthosis

Stomach

Forestomach

Hyperkeratosis

Uterus

Endometrial Gland

Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:12  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_038

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 050.0 UG/100UL

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Esophagus		Dilatation, Nos
Kidney	Tubule	Dilatation, Nos
Ovary		Cyst, Follicular Nos
	Follicle	Necrosis, Focal
Skin	Back	Acanthosis
	Shoulder	Acanthosis
	Back	Hyperkeratosis
	Shoulder	Hyperkeratosis
Spleen		Depletion, Lymphoid
Stomach	Glandular Stomach	Dysplasia, Nos
Thymus		Depletion, Lymphoid
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:12  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_039

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 050.0 UG/100UL

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Heart	Myocardium Nos	Degeneration, Nos
Lung		Hyperplasia, Lymphoid
Ovary		Cyst, Follicular Nos
Salivary gland		Hyperplasia, Lymphoid
Skin	Shoulder	Acanthosis
	Shoulder	Inflammation, Active Chronic
Spleen	Follicles	Depletion, Lymphoid
	Red Pulp	Hematopoiesis
Stomach	Glandular Stomach	Dysplasia, Nos
Thymus		Hyperplasia, Lymphoid
Uterus		Hemangiosarcoma
	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:12

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_040

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 050.0 UG/100UL

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Kidney

Liver

Ovary

Spleen

Stomach

Thyroid

Hepatocytes

Follicle

Red Pulp

Glandular Stomach

Nephropathy

Necrosis, Focal

Necrosis, Focal

Depletion, Lymphoid

Pigmentation, Nos

Dysplasia, Nos

Cyst, Follicular Nos

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:12

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 1\_041

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 050.0 UG/100UL

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Bone marrow		Hyperplasia, Granulocytic
Kidney		Hematopoiesis
Liver		Hematopoiesis
Lung		Basal-Cell Carcinoma, Metastatic
Lymph node	Pancreatic Lymph Node	Hematopoiesis
Ovary		Cyst, Follicular Nos
Skin	Shoulder	Acanthosis
	Shoulder	Basal-Cell Carcinoma
	Shoulder	Hyperkeratosis
Spleen	Red Pulp	Hematopoiesis
Stomach	Forestomach	Squamous Cell Papilloma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:12  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_042

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 050.0 UG/100UL

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Zona Fasciculata	Degeneration, Lipoid
	Capsule	Hyperplasia, Focal
Intestine Large	Colon	Parasitism
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
		Inflammation, Granulomatous Focal
	Hepatocytes	Necrosis, Focal
Lung		Inflammation, Interstitial
Lymph node	Mandibular Lymph Node	Plasmacytosis
Ovary	Follicle	Cyst, Multiple
Skin	Back	Acanthosis
	Shoulder	Acanthosis
	Back	Sarcoma, Nos, Invasive
Spleen		Depletion, Lymphoid
	Red Pulp	Hematopoiesis
Unspecified	Shoulder	Sarcoma, Nos
	Mediastinum Nos	Sarcoma, Nos, Metastatic
	Axilla	Sarcoma, Nos, Uncertain Primary Or Meta

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:12

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 1\_043

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 050.0 UG/100UL

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Bone marrow		Hyperplasia, Granulocytic
Heart		Inflammation, Active Chronic
Lung		Alveolar/Bronchiolar Adenoma
Ovary		Cyst, Follicular Nos
Skin	Abdomen	Acanthosis
	Shoulder	Acanthosis
	Shoulder	Erosion
	Shoulder	Hyperkeratosis
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:12

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 1\_044

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 050.0 UG/100UL

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Skin

Shoulder

Hyperkeratosis

Back

Inflammation, Active Chronic

Shoulder

Inflammation, Active Chronic

Unspecified

Multiple Organs Nos

Lymphoma, Lymphocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:12

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 1\_045

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 050.0 UG/100UL

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Intestine Large  
Lymph node

Capsule  
Rectum  
Mesenteric Lymph Node  
Mandibular Lymph Node  
Mesenteric Lymph Node

Hyperplasia, Focal  
Sarcoma, Nos  
Hematopoiesis  
Hemorrhage  
Hemorrhage  
Cyst, Follicular Nos

Ovary  
Skin

Shoulder  
Shoulder  
Back

Acanthosis  
Hyperkeratosis  
Inflammation, Active Chronic  
Inflammation, Active Chronic

Spleen  
Uterus

Shoulder  
Red Pulp

Hematopoiesis  
Endometrial Stromal Polyp  
Hyperplasia, Cystic

Endometrial Gland

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:12

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 1\_046

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 050.0 UG/100UL

**DISP:** Moribund Sacrifice

**HISTO:**

---

**OBSERVATIONS**

Skin

Shoulder

Acanthosis

Shoulder

Hyperkeratosis

Shoulder

Inflammation, Active Chronic

Stomach

Glandular Stomach

Dysplasia, Nos

Unspecified

Multiple Organs Nos

Amyloidosis

Uterus

Endometrial Gland

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:12

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 1\_047

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 050.0 UG/100UL

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Medulla

Phagocytic Cell

Skin

Shoulder

Acanthosis

Back

Inflammation, Chronic Focal

Shoulder

Inflammation, Chronic Focal

Back

Ulcer, Nos

Unspecified

Multiple Organs Nos

Lymphoma, Histiocytic-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:12  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_048

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 050.0 UG/100UL

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Kidney		Glomerulonephritis, Chronic Lymphocytic Inflammatory Infiltrate
Ovary		Cystadenoma, Nos
Pancreas	Acinus	Atrophy, Nos
Skin	Shoulder	Acanthosis
	Shoulder	Hyperkeratosis
	Shoulder	Inflammation, Active Chronic
Unspecified	Multiple Organs Nos	Periarteritis
Ureter		Inflammation, Active Chronic
Uterus	Endometrial Gland	Hyperplasia, Cystic
	Fallopian Tube	Inflammation, Chronic Focal

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:12

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 1\_049

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 050.0 UG/100UL

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Ovary		Cyst, Follicular Nos
Skin	Shoulder	Acanthosis
	Shoulder	Hyperkeratosis
Stomach	Glandular Stomach	Dysplasia, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:12  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 1\_050

**TRT#:** 1

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 050.0 UG/100UL

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Zona Fasciculata

Cell-Size Alteration

Zona Fasciculata

Degeneration, Lipoid

Medulla

Pheochromocytoma

Kidney

Nephropathy

Lung

Lymphocytic Inflammatory Infiltrate

Ovary

Angiectasis

Skin

Shoulder

Cyst, Follicular Nos

Stomach

Glandular Stomach

Acanthosis

Unspecified

Multiple Organs Nos

Dysplasia, Nos

Uterus

Endometrial Gland

Depletion, Lymphoid

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:12

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_001

**TRT#:** 2  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland	Zona Fasciculata
Kidney	Cortex
Lung	
Ovary	Follicle
Thymus	
Uterus	Endometrial Gland

Hemorrhage  
Cyst, Multiple  
Congestion, Acute  
Necrosis, Focal  
Depletion, Lymphoid  
Dilatation, Nos  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:12

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_002

**TRT#:** 2  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland	Zona Fasciculata	Hypertrophy, Focal
Heart	Myocardium Nos	Periarteritis
Kidney		Nephropathy
Lymph node	Mandibular Lymph Node	Inflammation, Chronic Focal
Ovary	Follicle	Cyst, Multiple
Stomach	Glandular Stomach	Dysplasia, Nos
Uterus	Endometrial Gland	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:12

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_003

**TRT#:** 2  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Harderian gland  
Liver

Harderian Gland  
Hepatocytes  
Hepatocytes  
Hepatocytes

Papillary Cystadenoma, Nos  
Cell-Size Alteration  
Degeneration, Nos  
Necrosis, Focal  
Pigmentation, Nos  
Alveolar/Bronchiolar Carcinoma  
Cyst, Multiple  
Hematopoiesis  
Dysplasia, Nos  
Cyst, Follicular Nos  
Hyperplasia, Cystic

Lung  
Ovary  
Spleen  
Stomach  
Thyroid  
Uterus

Follicle  
Red Pulp  
Glandular Stomach  
Endometrial Gland

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:12

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_004

**TRT#:** 2  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
	Medulla	Necrosis, Focal
Heart	Epicardium	Inflammation, Chronic Focal
Lung	Pleura Nos	Inflammation, Active Chronic
Lymph node	Mesenteric Lymph Node	Congestion, Nos
Mammary gland		Adenocarcinoma, Nos
Stomach	Glandular Stomach	Dysplasia, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:12

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 2\_005

**TRT#:** 2  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Bone marrow		Hyperplasia, Granulocytic
Eye		Inflammation, Active Chronic
Harderian gland	Hardarian Gland	Papillary Cystadenoma, Nos
Kidney		Nephropathy
Lung	Alveoli	Hemosiderosis
Lymph node	Mandibular Lymph Node	Histiocytosis
	Thymic Lymph Node	Mineralization
Ovary	Follicle	Cyst, Multiple
	Follicle	Necrosis, Focal
Thymus		Hyperplasia, Lymphoid
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:12

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_006

**TRT#:** 2  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland	Zona Fasciculata	Degeneration, Nos
	Capsule	Hyperplasia, Focal
Blood vessel	Periaortic Tissue	Lymphocytic Inflammatory Infiltrate
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver		Cytoplasmic Change, Eosinophilic
Lymph node	Mandibular Lymph Node	Hemorrhage
Ovary	Follicle	Cyst, Multiple
	Follicle	Hyperplasia, Epithelial
Pancreas		Hemorrhage
Stomach	Glandular Stomach	Dysplasia, Nos
Uterus		Hematoma, Organized
	Endometrial Gland	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:12

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 2\_007

**TRT#:** 2  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney

Ovary

Uterus

Endometrial Gland

Histiocytosis

Cyst, Follicular Nos

Hyperplasia, Cystic

Inflammation, Acute/Chronic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:12

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 2\_008

**TRT#:** 2

**DOSE:** 0

**SEX:** Female

**DISP:** Terminal Sacrifice

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Inflammation, Active Chronic
Kidney		Nephropathy
Ovary	Follicle	Cyst, Hemorrhagic
	Follicle	Cyst, Multiple
		Hemangiosarcoma
Spleen	Follicles	Hyperplasia, Lymphoid
Thymus		Hyperplasia, Lymphoid
Thyroid		Cyst, Embryonal Duct
Uterus	Endometrial Gland	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:12

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 2\_009

**TRT#:** 2  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Ovary	Follicle	Cyst, Multiple
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type
Uterus	Endometrial Gland	Hemorrhage
		Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:12

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_010

**TRT#:** 2  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney		Nephropathy
Liver	Hepatocytes	Cell-Size Alteration
Ovary	Follicle	Cyst, Multiple
Spleen	Follicles	Necrosis, Focal
Stomach	Glandular Stomach	Dysplasia, Nos
Uterus	Endometrial Gland	Cyst, Multiple

---

**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:12  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 2\_011

**TRT#:** 2  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Lymph node	Mesenteric Lymph Node	Angiectasis
Ovary	Follicle	Cyst, Multiple
	Follicle	Necrosis, Focal
Skin	Shoulder	Inflammation, Active Chronic
Thyroid	Follicle	Cyst, Multiple
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type

---

**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:12  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_012

**TRT#:** 2  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Intestine Large  
Kidney

Colon  
Glomerulus

Parasitism  
Amyloidosis  
Nephropathy  
Pigmentation, Nos  
Leiomyosarcoma, Metastatic  
Cyst, Multiple  
Necrosis, Focal  
Inflammation, Active Chronic  
Hematopoiesis  
Dysplasia, Nos  
Leiomyosarcoma, Invasive  
Hyperplasia, Cystic  
Leiomyosarcoma

Liver  
Lung  
Ovary

Follicle  
Follicle  
Shoulder  
Red Pulp  
Glandular Stomach  
Multiple Organs Nos  
Endometrial Gland

Skin  
Spleen  
Stomach  
Unspecified  
Uterus

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:12  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_013

**TRT#:** 2  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Zona Fasciculata	Degeneration, Nos
	Capsule	Hyperplasia, Focal
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
		Hemangiosarcoma
	Hepatocytes	Necrosis, Focal
Ovary	Follicle	Cyst, Multiple
Thymus		Depletion, Lymphoid
Thyroid	Follicle	Cyst, Multiple
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-



**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:12

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 2\_014

**TRT#:** 2  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Liver	Hepatocytes	Cell-Size Alteration
Ovary	Follicle	Cyst, Multiple
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:12

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 2\_015

**TRT#:** 2  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Kidney  
Liver

Capsule

Hyperplasia, Focal  
Nephropathy  
Inflammation, Granulomatous Focal  
Lymphocytic Inflammatory Infiltrate

Spleen  
Stomach  
Thyroid  
Uterus

Follicles  
Glandular Stomach  
Endometrial Gland

Hyperplasia, Lymphoid  
Dysplasia, Nos  
Cyst, Follicular Nos  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:12  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_016

**TRT#:** 2  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney		Nephropathy
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
	Hepatocytes	Necrosis, Focal
Lung		Alveolar/Bronchiolar Adenoma
		Congestion, Acute
Ovary		Cyst, Follicular Nos
Skin	Back	Inflammation, Active Chronic
	Shoulder	Inflammation, Active Chronic
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:12

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 2\_017

**TRT#:** 2  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland	Zona Fasciculata	Degeneration, Nos
Mammary gland		Hyperplasia, Cystic
Ovary	Follicle	Cyst, Multiple
Skin	Shoulder	Inflammation, Active Chronic
	Shoulder	Ulcer, Nos
Spleen	Red Pulp	Hematopoiesis

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:12  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_018

**TRT#:** 2  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Intestine Large	Colon	Parasitism
Lung		Lymphocytic Inflammatory Infiltrate
Ovary	Follicle	Cyst, Multiple
	Follicle	Hyperplasia, Epithelial
Spleen	Follicles	Hyperplasia, Lymphoid
Stomach	Glandular Stomach	Dysplasia, Nos
Thyroid		Hyperplasia, Follicular Cell
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:12

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 2\_019

**TRT#:** 2  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland	Zona Fasciculata	Hyperplasia, Focal
Gall bladder		Inflammation, Acute Focal
Kidney		Nephropathy
Ovary	Follicle	Cyst, Multiple
Stomach	Glandular Stomach	Dysplasia, Nos
Thymus		Hyperplasia, Lymphoid
Uterus		Fibroma
	Endometrial Gland	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:12

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 2\_020

**TRT#:** 2  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland	Zona Fasciculata	Degeneration, Nos
Kidney	Cortex	Cyst, Nos
	Tubule	Pigmentation, Nos
Liver		Inflammation, Acute Focal
Ovary		Cyst, Follicular Nos
Stomach	Forestomach	Squamous Cell Papilloma
Uterus	Parovarian	Fibroma

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:12

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 2\_021

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Kidney		Nephropathy
Lung		Alveolar/Bronchiolar Adenoma
Ovary	Follicle	Cyst, Multiple
Skin	Shoulder	Acanthosis
	Shoulder	Hyperkeratosis
Stomach	Glandular Stomach	Dysplasia, Nos
Thyroid	Follicle	Cyst, Multiple
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:12  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 2\_022

**TRT#:** 2  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Capsule  
Medulla

Hyperplasia, Focal  
Pheochromocytoma  
Nephropathy

Kidney

Liver

Ovary

Unspecified

Uterus

Multiple Organs Nos  
Endometrial Gland

Inflammation, Granulomatous Focal  
Cyst, Follicular Nos  
Lymphoma, Histiocytic-Malignant Type  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:12

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 2\_023

**TRT#:** 2  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Adrenal gland	Zona Fasciculata	Necrosis, Focal
Kidney		Nephropathy
Lymph node	Mandibular Lymph Node	Histiocytosis
Ovary	Follicle	Cyst, Hemorrhagic
Spleen	Red Pulp	Hematopoiesis
Uterus	Endometrial Gland	Hyperplasia, Cystic
	Fallopian Tube	Inflammation, Acute Focal
		Leiomyosarcoma

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:12

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 2\_024

**TRT#:** 2  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Kidney		Nephropathy
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
	Hepatocytes	Necrosis, Focal
Lung		Adenocarcinoma, Nos, Metastatic
Mammary gland		Adenocarcinoma, Nos
Ovary	Follicle	Cyst, Multiple
Spleen	Follicles	Depletion, Lymphoid
	Red Pulp	Hematopoiesis
Uterus	Endometrial Gland	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:12

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 2\_025

**TRT#:** 2  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Intestine Large  
Liver  
  
Ovary  
  
Stomach  
Uterus

Capsule  
Colon  
Hepatocytes  
Hepatocytes  
  
Follicle  
Glandular Stomach  
Endometrial Gland

Hyperplasia, Focal  
Parasitism  
Cell-Size Alteration  
Degeneration, Nos  
Cyst, Follicular Nos  
Cyst, Hemorrhagic  
Dysplasia, Nos  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:12

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 2\_026

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland	Zona Fasciculata Capsule	Degeneration, Nos Hyperplasia, Focal
Gall bladder		Dilatation, Nos
Lung		Lymphocytic Inflammatory Infiltrate
Ovary		Cyst, Follicular Nos Luteoma
Stomach	Glandular Stomach Glandular Stomach	Dysplasia, Nos Lymphocytic Inflammatory Infiltrate
Thyroid		Hyperplasia, Follicular Cell
Uterus	Endometrial Gland	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:12  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_027

**TRT#:** 2  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Zona Fasciculata	Degeneration, Lipoid
	Zona Fasciculata	Hyperplasia, Focal
Heart	Myocardium Nos	Lymphocytic Inflammatory Infiltrate
Kidney		Nephropathy
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
		Inflammation, Granulomatous Focal
	Hepatocytes	Necrosis, Focal
Ovary	Follicle	Cyst, Multiple
	Follicle	Necrosis, Focal
Spleen	Follicles	Necrosis, Focal
Stomach	Glandular Stomach	Dysplasia, Nos
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:12  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_028

**TRT#:** 2  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Zona Fasciculata Capsule	Cytoplasmic Change, Nos Hyperplasia, Focal
Bone marrow		Hyperplasia, Granulocytic
Lung		Inflammation, Interstitial
Ovary	Follicle	Cyst, Multiple
Spleen	Red Pulp	Hematopoiesis
Stomach	Forestomach	Acanthosis
	Glandular Stomach	Dysplasia, Nos
	Forestomach	Hyperkeratosis
Thymus		Hyperplasia, Lymphoid
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:12

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 2\_029

**TRT#:** 2  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Liver		Inflammation, Granulomatous Focal
Lung		Hyperplasia, Alveolar Epithelium
		Lymphocytic Inflammatory Infiltrate
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Ovary		Cyst, Follicular Nos
Stomach	Glandular Stomach	Dysplasia, Nos
Uterus		Dilatation, Nos

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:12

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 2\_030

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Adrenal gland	Medulla	Degeneration, Nos
Heart	Myocardium Nos	Mineralization
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
	Hepatocytes	Necrosis, Focal
Lymph node	Mandibular Lymph Node	Depletion, Lymphoid
Ovary		Cyst, Follicular Nos
Spleen	Follicles	Depletion, Lymphoid
Stomach	Glandular Stomach	Dysplasia, Nos

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:12

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 2\_031

**TRT#:** 2

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Lung

Capsule

Hyperplasia, Focal  
Alveolar/Bronchiolar Carcinoma  
Pneumonia, Interstitial Chronic

Mammary gland

Dilatation, Ducts

Ovary

Follicle

Necrosis, Focal

Skin

Shoulder

Erosion

Spleen

Shoulder

Inflammation, Active Chronic

Uterus

Follicles

Depletion, Lymphoid

Endometrial Gland

Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:12  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_032

**TRT#:** 2  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Zona Fasciculata Capsule	Degeneration, Nos Hyperplasia, Focal
Bone marrow		Hyperplasia, Granulocytic
Heart	Myocardium Nos Pericardium Nos	Degeneration, Nos Inflammation, Active Chronic
Kidney		Lymphocytic Inflammatory Infiltrate
Lung		Alveolar/Bronchiolar Adenoma
Lymph node	Pleura Nos	Inflammation, Active Chronic
Ovary	Mandibular Lymph Node	Plasmacytosis Atrophy, Senile
Spleen	Follicle	Cyst, Multiple
Stomach	Glandular Stomach Forestomach	Necrosis, Focal Dysplasia, Nos Squamous Cell Papilloma
Thymus		Depletion, Lymphoid
Uterus	Endometrial Gland	Hyperplasia, Cystic Leiomyoma

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:12  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_033

**TRT#:** 2  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Lung		Congestion, Acute
Lymph node	Mandibular Lymph Node	Histiocytosis
Ovary		Cyst, Follicular Nos
	Follicle	Necrosis, Focal
Spleen	Follicles	Depletion, Lymphoid
Stomach	Glandular Stomach	Dysplasia, Nos
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:12

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 2\_034

**TRT#:** 2  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Ovary

Capsule

Hyperplasia, Focal  
Cyst, Follicular Nos

Spleen  
Stomach  
Uterus

Follicle  
Follicles  
Glandular Stomach  
Endometrial Gland

Necrosis, Focal  
Depletion, Lymphoid  
Dysplasia, Nos  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:12  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_035

**TRT#:** 2  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Zona Fasciculata Capsule	Degeneration, Nos Hyperplasia, Focal
Bone marrow		Aplasia, Hematopoietic
Lung		Hyperplasia, Alveolar Epithelium
Lymph node	Mandibular Lymph Node	Depletion, Lymphoid
Ovary	Follicle	Cyst, Multiple
	Follicle	Hyperplasia, Epithelial
Skin	Shoulder	Acanthosis
	Shoulder	Hyperkeratosis
Spleen	Follicles	Depletion, Lymphoid
Thyroid	Follicle	Cyst, Multiple

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:12

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 2\_036

**TRT#:** 2  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Ovary	Follicle	Cyst, Multiple
Skin	Shoulder	Acanthosis
	Shoulder	Hyperkeratosis
Stomach	Glandular Stomach	Dysplasia, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrial Gland	Cyst, Multiple

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:12

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 2\_037

**TRT#:** 2  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland	Zona Fasciculata	Cytoplasmic Vacuolization
Kidney	Tubule	Dilatation, Nos
Ovary		Cyst, Follicular Nos
Spleen	Follicles	Depletion, Lymphoid
	Red Pulp	Fibrosis, Focal
Stomach	Glandular Stomach	Dysplasia, Nos
Thymus	Cortex	Depletion, Lymphoid
Uterus	Endometrial Gland	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:12

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 2\_038

**TRT#:** 2  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Zona Fasciculata

Degeneration, Lipoid

Capsule

Hyperplasia, Focal

Ovary

Follicle

Cyst, Multiple

Unspecified

Multiple Organs Nos

Lymphoma, Histiocytic-Malignant Type

Uterus

Endometrial Stromal Polyp

Endometrial Gland

Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:12  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_039

**TRT#:** 2  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Kidney		Nephropathy
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
Lung		Lymphocytic Inflammatory Infiltrate
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Mammary gland	Mammary Acinus	Hyperplasia, Focal
Ovary	Follicle	Cyst, Multiple
	Follicle	Hemorrhage
Skin	Shoulder	Inflammation, Active Chronic
Spleen	Follicles	Hyperplasia, Lymphoid
Stomach	Glandular Stomach	Dysplasia, Nos
Thymus		Hyperplasia, Lymphoid
Unspecified	Shoulder	Edema, Nos
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:12

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 2\_040

**TRT#:** 2  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney	Tubule	Dilatation, Nos
Lymph node	Mandibular Lymph Node	Histiocytosis
Ovary		Cyst, Follicular Nos
Spleen	Red Pulp	Hematopoiesis
Stomach	Glandular Stomach	Dysplasia, Nos
Unspecified	Multiple Organs Nos	Necrosis, Focal
Uterus		Hemorrhage
	Endometrial Gland	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:12

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 2\_041

**TRT#:** 2  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Kidney	Cortex	Infarct, Focal
Lung		Adenocarcinoma/Squamous Metaplasia, Metastatic
Mammary gland		Adenocarcinoma/Squamous Metaplasia
Ovary		Cyst, Follicular Nos
Skin	Shoulder	Acanthosis
	Shoulder	Hyperkeratosis
	Shoulder	Inflammation, Active Chronic
Spleen	Red Pulp	Hematopoiesis
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Endometrial Gland	Cyst, Multiple

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:12  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_042

**TRT#:** 2  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Zona Fasciculata Capsule	Degeneration, Lipoid Hyperplasia, Focal
Lung		Alveolar/Bronchiolar Carcinoma Lymphocytic Inflammatory Infiltrate
Mammary gland		Dilatation, Ducts
Ovary		Cyst, Follicular Nos Cyst, Parovarian
Spleen	Follicles	Hyperplasia, Lymphoid
Stomach	Glandular Stomach Forestomach	Dysplasia, Nos Squamous Cell Papilloma
Thymus		Depletion, Lymphoid
Uterus	Endometrial Gland Endometrial Gland	Endometrial Stromal Sarcoma Hyperplasia, Cystic Metaplasia, Squamous

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:12

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 2\_043

**TRT#:** 2  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Kidney		Nephropathy
Liver		Inflammation, Granulomatous Focal
Lung		Alveolar/Bronchiolar Adenoma
Ovary		Cyst, Parovarian
Stomach	Glandular Stomach	Dysplasia, Nos
Uterus	Endometrial Gland	Endometrial Stromal Sarcoma Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:12

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 2\_044

**TRT#:** 2

**DOSE:** 0

**SEX:** Female

**DISP:** Natural Death

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Ovary

Follicle

Necrosis, Focal

Spleen

Follicles

Depletion, Lymphoid

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:12

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 2\_045

**TRT#:** 2  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Brain		Congestion, Nos
	Preoptic Area	Lymphocytic Inflammatory Infiltrate
Thymus	Cortex	Depletion, Lymphoid

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:12  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_046

**TRT#:** 2  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Zona Fasciculata Capsule	Degeneration, Lipoid Hyperplasia, Focal
Bone marrow		Fibrosis, Myelo
Heart	Myocardium Nos Myocardium Nos	Degeneration, Nos Mineralization
Kidney		Nephropathy
Liver	Hepatocytes Hepatocytes Hepatocytes	Cell-Size Alteration Degeneration, Nos Necrosis, Focal
Lung	Alveoli	Hemorrhage
Spleen	Follicles	Depletion, Lymphoid
Stomach	Glandular Stomach Forestomach	Dysplasia, Nos Hyperkeratosis
Thymus		Depletion, Lymphoid
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:12  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_047

**TRT#:** 2  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Tubule	Dilatation, Nos
	Interstitialium	Inflammation, Active Chronic
Lymph node	Mesenteric Lymph Node	Inflammation, Multifocal
Mammary gland		Hyperplasia, Focal
Ovary		Cyst, Follicular Nos
		Cyst, Parovarian
Stomach	Glandular Stomach	Dysplasia, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:12

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 2\_048

**TRT#:** 2  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Lung

Ovary

Unspecified

Uterus

Multiple Organs Nos

Alveolar/Bronchiolar Adenoma

Cyst, Follicular Nos

Lymphoma, Undifferentiated-Malignant Type

Endometrial Stromal Polyp

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:12  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 2\_049

**TRT#:** 2  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Kidney		Nephrosis, Hydro
Liver	Bile Duct	Cyst, Nos
	Bile Duct	Hyperplasia, Focal
	Hepatocytes	Necrosis, Focal
Lung		Hyperplasia, Alveolar Epithelium
Mammary gland		Dilatation, Ducts
Ovary		Cyst, Follicular Nos
Pancreas	Acinus	Atrophy, Focal
		Dilatation, Ducts
Spleen		Leiomyosarcoma, Uncertain Primary Or Metastatic
Stomach	Glandular Stomach	Dysplasia, Nos
Thymus		Depletion, Lymphoid
Uterus	Endometrial Gland	Cyst, Multiple
		Leiomyosarcoma, Uncertain Primary Or Metastatic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:12

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_001

**TRT#:** 3

**DOSE:** 0

**SEX:** Female

**DISP:** Natural Death

**DAY ON TEST:**

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Zona Fasciculata	Degeneration, Lipoid
	Capsule	Hyperplasia, Focal
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver	Hepatocytes	Degeneration, Nos
		Hemangiosarcoma
	Bile Duct	Hyperplasia, Focal
	Hepatocytes	Necrosis, Focal
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Ovary	Follicle	Cyst, Multiple
Skin	Shoulder	Acanthosis
	Shoulder	Hyperkeratosis
	Shoulder	Inflammation, Active Chronic
	Shoulder	Ulcer, Nos
Spleen		Hemangiosarcoma
	Red Pulp	Hematopoiesis
Stomach	Glandular Stomach	Dysplasia, Nos
Thymus		Hyperplasia, Lymphoid
Unspecified	Multiple Organs Nos	Lymphocytic Inflammatory Infiltrate
Uterus		Endometrial Stromal Polyp
	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:12

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_002

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Capsule

Hyperplasia, Focal

Liver

Hepatocytes

Cell-Size Alteration

Hepatocytes

Degeneration, Nos

Hepatocytes

Necrosis, Focal

Lung

Hyperplasia, Alveolar Epithelium

Lymph node

Mandibular Lymph Node

Depletion, Lymphoid

Ovary

Cyst, Follicular Nos

Spleen

Follicles

Depletion, Lymphoid

Stomach

Glandular Stomach

Dysplasia, Nos

Urinary bladder

Hyperplasia, Epithelial

Uterus

Endometrial Gland

Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:12

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 3\_003

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Kidney		Nephropathy
Liver	Portal Tract	Pigmentation, Nos
Lung		Alveolar/Bronchiolar Adenoma
Ovary		Cyst, Follicular Nos
Tongue		Edema, Nos
Uterus	Endometrial Gland	Cyst, Multiple

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:12  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_004

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Kidney		Nephropathy
Liver	Hepatocytes	Cell-Size Alteration
	Bile Duct	Cyst, Multiple
	Hepatocytes	Degeneration, Nos
	Hepatocytes	Necrosis, Focal
Ovary	Follicle	Cyst, Multiple
Skin	Shoulder	Acanthosis
Stomach	Glandular Stomach	Dysplasia, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Urinary bladder		Hyperplasia, Epithelial
		Inflammation, Chronic Focal
Uterus	Endometrial Gland	Hyperplasia, Cystic
	Cervix Uteri	Leiomyosarcoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_005

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Zona Fasciculata Capsule	Degeneration, Lipoid Hyperplasia, Focal
Bone marrow		Hyperplasia, Granulocytic
Kidney		Nephropathy
Liver	Hepatocytes	Degeneration, Nos
Lung		Alveolar/Bronchiolar Carcinoma
Mammary gland	Mammary Acinus	Hyperplasia, Focal
Ovary	Follicle	Cyst, Multiple
Skin	Shoulder Shoulder Shoulder Shoulder	Acanthosis Hyperkeratosis Inflammation, Active Chronic Ulcer, Nos
Spleen	Red Pulp Follicles	Hematopoiesis Hyperplasia, Lymphoid
Thymus		Hyperplasia, Lymphoid
Thyroid	Follicle	Cyst, Multiple
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_006

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Bone marrow		Hyperplasia, Granulocytic
Kidney	Tubule	Cyst, Nos Plasmacytosis
Lymph node	Mandibular Lymph Node	Plasmacytosis
Mammary gland		Inflammation, Chronic Focal
Ovary	Follicle	Necrosis, Focal
Skin	Shoulder	Acanthosis
	Shoulder	Hyperkeratosis
	Neck	Inflammation, Chronic Focal
	Neck	Ulcer, Nos
Spleen	Red Pulp	Hematopoiesis
Thymus		Depletion, Lymphoid

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_007

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Zona Fasciculata Capsule	Degeneration, Lipoid Hyperplasia, Focal
Bone marrow		Hyperplasia, Granulocytic
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Tubule	Dilatation, Nos Nephropathy
Liver	Hepatocytes Hepatocytes	Degeneration, Nos Necrosis, Focal
Lung		Alveolar/Bronchiolar Carcinoma
Ovary	Follicle	Cyst, Multiple
Skin	Shoulder	Inflammation, Active Chronic
Stomach	Glandular Stomach	Dysplasia, Nos
Thyroid	Follicle	Cyst, Multiple Hyperplasia, Follicular Cell
Unspecified	Shoulder	Fibrosarcoma
Urinary bladder		Hyperplasia, Epithelial
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_008

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Zona Fasciculata Capsule	Degeneration, Lipoid Hyperplasia, Focal
Kidney		Lymphocytic Inflammatory Infiltrate
Liver		Lymphocytic Inflammatory Infiltrate
Lung		Lymphocytic Inflammatory Infiltrate
Ovary		Cyst, Follicular Nos Cyst, Hemorrhagic
Salivary gland		Perivasculitis
Spleen	Red Pulp	Hematopoiesis
Thymus		Hyperplasia, Lymphoid
Thyroid	Follicle	Retention Of Content
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_009

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Liver		Inflammation, Granulomatous Focal
Lung		Hyperplasia, Alveolar Epithelium
		Inflammation, Chronic Focal
Lymph node	Mandibular Lymph Node	Depletion, Lymphoid
Ovary	Capsule	Cyst, Multiple
Skin	Shoulder	Squamous Cell Carcinoma
Stomach	Glandular Stomach	Dysplasia, Nos
Thymus		Depletion, Lymphoid
Thyroid		Cyst, Follicular Nos
Urinary bladder		Hyperplasia, Epithelial
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_010

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Liver	Hepatocytes	Degeneration, Nos
Lung		Alveolar/Bronchiolar Adenoma
		Pneumonia, Interstitial Chronic
Lymph node	Mandibular Lymph Node	Inflammation, Chronic Focal
	Mesenteric Lymph Node	Lymphoma, Histiocytic-Malignant Type
Ovary		Cyst, Follicular Nos
Unspecified	Multiple Organs Nos	Amyloidosis
	Mediastinum Nos	Inflammation, Active Chronic
Uterus		Dilatation, Nos
		Endometrial Stromal Polyp
	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:13

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_011

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland

Capsule

Hyperplasia, Focal

Kidney

Tubule

Dilatation, Nos

Lung

Alveolar/Bronchiolar Carcinoma

Ovary

Cyst, Follicular Nos

Stomach

Glandular Stomach

Dysplasia, Nos

Thymus

Depletion, Lymphoid

Unspecified

Multiple Organs Nos

Amyloidosis

Uterus

Endometrial Gland

Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:13

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 3\_012

**TRT#:** 3

**DOSE:** 0

**SEX:** Female

**DISP:** Natural Death

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Eye

Ovary

Unspecified

Multiple Organs Nos

Inflammation, Chronic Diffuse

Cyst, Follicular Nos

Amyloidosis

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_013

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Zona Fasciculata Capsule	Degeneration, Lipoid Hyperplasia, Focal Nephropathy
Kidney		Inflammation, Granulomatous Focal
Liver		Alveolar/Bronchiolar Carcinoma
Lung		Cyst, Follicular Nos
Ovary		Luteoma
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type
Uterus		Endometrial Stromal Polyp Hemangioma Hyperplasia, Cystic
	Endometrial Gland	

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_014

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Zona Fasciculata	Degeneration, Lipoid
	Capsule	Hyperplasia, Focal
Intestine Large	Colon	Amyloidosis
Kidney		Nephropathy
Liver		Lymphocytic Inflammatory Infiltrate
Ovary	Follicle	Cyst, Multiple
		Luteoma
Spleen	Follicles	Depletion, Lymphoid
Stomach	Forestomach	Acanthosis
	Glandular Stomach	Dysplasia, Nos
	Forestomach	Hyperkeratosis
	Forestomach	Inflammation, Chronic Focal
Thymus		Depletion, Lymphoid
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:13

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_015

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Zona Fasciculata	Degeneration, Lipoid
Kidney		Nephropathy
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
	Hepatocytes	Necrosis, Focal
Lung		Adenocarcinoma, Nos, Metastatic
Lymph node	Renal Lymph Node	Hyperplasia, Lymphoid
Mammary gland		Adenocarcinoma, Nos
	Mammary Acinus	Hyperplasia, Epithelial
Ovary	Follicle	Cyst, Multiple
Skin	Neck	Acanthosis
	Shoulder	Acanthosis
	Neck	Hyperkeratosis
	Neck	Ulcer, Nos
Spleen		Hemangiosarcoma
	Red Pulp	Hematopoiesis
Stomach	Glandular Stomach	Dysplasia, Nos
Thyroid		Cyst, Follicular Nos
Unspecified	Neck	Inflammation, Active Chronic
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_016

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Zona Fasciculata Capsule	Degeneration, Lipoid Hyperplasia, Focal
Bone marrow		Hyperplasia, Granulocytic
Kidney		Nephropathy
Lung		Alveolar/Bronchiolar Carcinoma Basal-Cell Carcinoma, Metastatic
Mammary gland		Hyperplasia, Epithelial
Ovary		Cyst, Follicular Nos
Skin	Shoulder Shoulder Shoulder	Acanthosis Basal-Cell Carcinoma Ulcer, Nos
Spleen	Red Pulp	Hematopoiesis
Stomach	Glandular Stomach Glandular Stomach	Diverticulum Dysplasia, Nos
Thyroid	Follicle	Cyst, Multiple
Unspecified	Abdomen Flank Shoulder Shoulder	Basal-Cell Carcinoma, Metastatic Basal-Cell Carcinoma, Metastatic Fibrosarcoma Inflammation, Active Chronic
Uterus	Multiple Organs Nos Endometrial Gland	Lymphoma, Mixed-Malignant Type Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_017

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Kidney		Nephropathy
Liver	Bile Duct	Cyst, Nos
		Hematopoiesis
		Inflammation, Granulomatous Focal
	Hepatocytes	Necrosis, Focal
Lung		Alveolar/Bronchiolar Adenoma
Ovary		Cyst, Follicular Nos
Skin	Shoulder	Squamous Cell Papilloma
Spleen	Follicles	Hyperplasia, Lymphoid
Stomach	Glandular Stomach	Dysplasia, Nos
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_018

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Lung  
Mammary gland

Spleen  
Uterus

Mammary Acinus  
Red Pulp  
Endometrial Gland

Cystadenocarcinoma, Metastatic  
Cystadenocarcinoma, Nos  
Hyperplasia, Cystic  
Hematopoiesis  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_019

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Zona Fasciculata Capsule	Degeneration, Lipoid Hyperplasia, Focal
Kidney		Nephropathy
Liver	Hepatocytes	Degeneration, Nos
Lung		Alveolar/Bronchiolar Adenoma Inflammation, Interstitial
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Ovary		Cyst, Follicular Nos
Skin	Eyelid Nos	Sebaceous Adenoma
Spleen	Follicles	Hyperplasia, Lymphoid
Stomach	Glandular Stomach	Dysplasia, Nos
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:13

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 3\_020

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland	Zona Fasciculata	Degeneration, Lipoid
Ovary		Cyst, Follicular Nos
Skin	Ear	Ulcer, Nos
Spleen	Follicles	Necrosis, Focal
Stomach	Glandular Stomach	Dysplasia, Nos
Thymus	Lymphocytes	Necrosis, Diffuse
Unspecified	Ear	Inflammation, Acute Focal

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_021

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Zona Fasciculata Capsule Zona Fasciculata	Degeneration, Lipoid Hyperplasia, Focal Perivascularitis Nephropathy
Kidney		Alveolar/Bronchiolar Carcinoma
Lung		Cyst, Hemorrhagic
Ovary	Capsule	Cyst, Multiple Papillary Adenoma Hyperplasia, Focal
Parathyroid gland		Acanthosis
Skin	Shoulder	Hyperkeratosis
Stomach	Forestomach	Cyst, Follicular Nos Angiectasis
Thyroid		Endometrial Stromal Sarcoma
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_022

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Zona Fasciculata Capsule	Degeneration, Lipoid Hyperplasia, Focal Nephropathy
Kidney		Degeneration, Nos
Liver	Hepatocytes	Alveolar/Bronchiolar Carcinoma
Lung		Cyst, Multiple
Ovary	Follicle	Degeneration, Nos Pigmentation, Nos
Spleen	Follicles	Hyperplasia, Lymphoid
Stomach	Glandular Stomach	Dysplasia, Nos
Unspecified	Thoracic Cavity Nos	Alveolar/Bronchiolar Carcinoma, Metastatic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:13

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_023

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Kidney

Capsule

Hyperplasia, Focal  
Lymphocytic Inflammatory Infiltrate  
Nephropathy

Liver  
Ovary

Inflammation, Acute Focal

Stomach

Glandular Stomach

Cyst, Follicular Nos

Thymus

Dysplasia, Nos

Thyroid

Hyperplasia, Lymphoid

Uterus

Follicle

Cyst, Multiple

Endometrial Gland

Carcinoma, Nos

Endometrial Gland

Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_024

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Zona Fasciculata Zona Fasciculata	Degeneration, Lipoid Focal Cellular Change
Bone	Femur	Osteosclerosis
Bone marrow		Fibrosis, Myelo
Kidney		Nephropathy
Lung		Lymphocytic Inflammatory Infiltrate
Lymph node	Mandibular Lymph Node	Depletion, Lymphoid
Ovary		Cyst, Follicular Nos Cyst, Parovarian
Skin	Shoulder	Squamous Cell Papilloma
Stomach	Glandular Stomach	Dysplasia, Nos
Thymus		Depletion, Lymphoid
Thyroid		Cyst, Follicular Nos Hyperplasia, Follicular Cell
Uterus	Endometrial Gland	Endometrial Stromal Polyp Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_025

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Zona Fasciculata Capsule	Degeneration, Lipoid Hyperplasia, Focal
Brain	Cerebrum	Atrophy, Pressure
Esophagus		Inflammation, Acute Focal
Heart	Pericardium Nos	Inflammation, Active Chronic
Kidney		Nephropathy
Liver		Cytoplasmic Change, Basophilic
Lung		Alveolar/Bronchiolar Carcinoma Pneumonia, Interstitial Chronic
Mammary gland		Inflammation, Active Chronic
Pituitary gland	Anterior Pituitary	Adenoma, Nos
Skin	Back Back Shoulder	Acanthosis Inflammation, Active Chronic Inflammation, Active Chronic
Stomach	Glandular Stomach	Dysplasia, Nos
Unspecified	Mediastinum Nos Shoulder	Inflammation, Active Chronic Inflammation, Granulomatous Focal
Uterus	Multiple Organs Nos Endometrial Gland	Lymphoma, Lymphocytic-Malignant Type Hyperplasia, Cystic Inflammation, Chronic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_026

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Bone	Femur	Osteosclerosis
Bone marrow		Fibrosis, Myelo
Heart	Left Ventricle Nos	Dilatation, Nos
Kidney		Nephropathy
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
Lung	Alveoli	Hemorrhage
		Inflammation, Active Chronic
Ovary		Cyst, Parovarian
		Inflammation, Chronic Focal
		Thrombus, Organized
Skin	Back	Inflammation, Active Chronic
	Shoulder	Inflammation, Active Chronic
Spleen	Red Pulp	Hematopoiesis
Stomach	Glandular Stomach	Dysplasia, Nos
Thymus		Depletion, Lymphoid
		Hemorrhage

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_027

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Colon	Parasitism
Intestine Small	Submucosa, Jejunum	Amyloidosis
Lung		Congestion, Acute
Lymph node	Mandibular Lymph Node	Depletion, Lymphoid
Ovary		Cyst, Follicular Nos
		Degeneration, Nos
		Pigmentation, Nos
Spleen	Red Pulp	Hematopoiesis
Stomach	Glandular Stomach	Dysplasia, Nos
Thymus		Depletion, Lymphoid
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:13

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 3\_028

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Adrenal gland	Zona Fasciculata Capsule	Congestion, Nos Hyperplasia, Focal
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Tubule	Dilatation, Nos
Lung		Congestion, Acute
Ovary		Cyst, Follicular Nos
Spleen	Follicles	Depletion, Lymphoid
Thymus		Depletion, Lymphoid
Uterus	Endometrial Gland	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:13

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 3\_029

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Capsule

Hyperplasia, Focal

Kidney

Nephropathy

Ovary

Cyst, Follicular Nos

Necrosis, Focal

Thymus

Depletion, Lymphoid

Uterus

Endometrial Gland

Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_030

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland	Zona Fasciculata	Degeneration, Lipoid
Kidney		Nephropathy
Ovary		Cyst, Follicular Nos
Salivary gland		Hyperplasia, Lymphoid
Stomach	Glandular Stomach	Dysplasia, Nos
Thymus		Hyperplasia, Lymphoid
Uterus	Endometrial Gland	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_031

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Zona Fasciculata Zona Fasciculata Capsule	Degeneration, Lipoid Focal Cellular Change Hyperplasia, Focal
Bone	Femur	Osteosclerosis
Kidney		Nephropathy
Liver	Hepatocytes	Degeneration, Nos Lymphocytic Inflammatory Infiltrate
Lung		Hyperplasia, Alveolar Epithelium Lymphocytic Inflammatory Infiltrate
Ovary	Follicle	Cyst, Multiple Hyperplasia, Tubular Cell Pigmentation, Nos
Skin	Shoulder	Acanthosis
Spleen	Follicles	Hyperplasia, Lymphoid
Stomach	Glandular Stomach	Dysplasia, Nos
Thyroid	Follicle	Cyst, Multiple
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_032

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland	Zona Fasciculata Capsule	Degeneration, Lipoid Hyperplasia, Focal
Lung		Alveolar/Bronchiolar Carcinoma
Ovary		Cyst, Follicular Nos
Spleen	Follicles	Depletion, Lymphoid
Stomach	Glandular Stomach	Dysplasia, Nos
Uterus	Endometrial Gland Endometrial Gland	Hyperplasia, Cystic Metaplasia, Squamous

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_033

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Kidney		Nephropathy
Liver	Hepatocytes	Degeneration, Nos
		Lymphocytic Inflammatory Infiltrate
	Hepatocytes	Necrosis, Focal
		Pigmentation, Nos
Ovary		Cyst, Follicular Nos
Spleen	Red Pulp	Hematopoiesis
Stomach	Glandular Stomach	Dysplasia, Nos
	Glandular Stomach	Lymphocytic Inflammatory Infiltrate
Thyroid	Follicle	Cyst, Multiple
Unspecified	Multiple Organs Nos	Hyperplasia, Lymphoid
Uterus	Endometrial Gland	Hyperplasia, Cystic
	Endometrial Gland	Metaplasia, Squamous

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_034

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Bone marrow		Metamorphosis, Fatty
Kidney		Nephropathy
Liver	Hepatocytes	Degeneration, Nos
Lung		Lymphocytic Inflammatory Infiltrate
Ovary		Cyst, Follicular Nos
Spleen	Follicles	Depletion, Lymphoid
Stomach	Glandular Stomach	Dysplasia, Nos
Thymus		Depletion, Lymphoid
Thyroid	Follicle	Cyst, Multiple

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_035

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Bone marrow		Histiocytosis
Heart	Myocardium Nos	Mineralization
Kidney		Lymphocytic Inflammatory Infiltrate
Liver	Hepatocytes	Degeneration, Nos
	Hepatocytes	Necrosis, Focal
Lung		Alveolar/Bronchiolar Adenoma
		Lymphocytic Inflammatory Infiltrate
Mammary gland		Adenocarcinoma, Nos
Ovary	Follicle	Cyst, Multiple
	Follicle	Necrosis, Focal
Skin	Thorax	Hyperplasia, Focal
	Thorax	Squamous Cell Papilloma
Spleen	Red Pulp	Hematopoiesis
Stomach	Glandular Stomach	Dysplasia, Nos
Thyroid	Follicle	Dilatation, Nos
Unspecified	Thorax	Osteosarcoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_036

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Zona Fasciculata Capsule	Degeneration, Lipoid Hyperplasia, Focal
Blood vessel	Ovarian Artery Uterine Artery	Necrosis, Fibrinoid Necrosis, Fibrinoid
Intestine Large	Cecum, Colon	Edema, Nos
Intestine Small	Submucosa, Jejunum	Edema, Nos
Kidney		Glomerulosclerosis, Nos Nephropathy
Liver	Hepatocytes	Cell-Size Alteration
Lymph node	Mandibular Lymph Node Mandibular Lymph Node	Depletion, Lymphoid Pigmentation, Nos
Skin	Abdomen Shoulder	Sebaceous Adenoma Squamous Cell Papilloma
Spleen	Follicles	Hyperplasia, Lymphoid
Stomach	Glandular Stomach	Dysplasia, Nos
Thymus		Depletion, Lymphoid

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:13

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 3\_037

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Ovary

Unspecified

Multiple Organs Nos

Cyst, Follicular Nos

Lymphoma, Lymphocytic-Malignant Type

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_038

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Zona Fasciculata Capsule	Degeneration, Lipoid Hyperplasia, Focal
Bone marrow		Hyperplasia, Granulocytic
Liver	Hepatic Sinusoid	Dilatation, Nos
Lung		Inflammation, Interstitial
Lymph node	Mandibular Lymph Node	Depletion, Lymphoid
	Mandibular Lymph Node	Lymphangiectasis
Mammary gland	Mammary Acinus	Hyperplasia, Cystic
Ovary		Cyst, Follicular Nos
Skin	Back	Squamous Cell Carcinoma
Spleen	Red Pulp	Hematopoiesis
Stomach	Glandular Stomach	Dysplasia, Nos
	Glandular Stomach	Lymphocytic Inflammatory Infiltrate
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:13

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 3\_039

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Capsule

Hyperplasia, Focal

Blood vessel

Cerebral Artery Nos

Perivasculitis

Lung

Inflammation, Interstitial

Stomach

Glandular Stomach

Dysplasia, Nos

Thymus

Depletion, Lymphoid

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:13

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 3\_040

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Zona Fasciculata Capsule	Degeneration, Lipoid Hyperplasia, Focal
Bone marrow		Hyperplasia, Granulocytic
Intestine Large	Colon	Parasitism
Kidney	Medulla	Granuloma, Nos Nephropathy
Liver		Hepatocellular Adenoma Lymphocytic Inflammatory Infiltrate
Lung		Alveolar/Bronchiolar Adenoma Lymphocytic Inflammatory Infiltrate
Lymph node	Mesenteric Lymph Node Mesenteric Lymph Node Mandibular Lymph Node Mesenteric Lymph Node	Angiectasis Hematopoiesis Hyperplasia, Lymphoid Hyperplasia, Lymphoid
Mammary gland	Mammary Acinus	Hyperplasia, Cystic
Ovary	Follicle	Cyst, Multiple
Skin	Shoulder Shoulder	Sebaceous Adenocarcinoma Squamous Cell Carcinoma
Spleen	Follicles Red Pulp	Depletion, Lymphoid Hematopoiesis
Stomach	Glandular Stomach	Dysplasia, Nos
Uterus	Endometrial Gland  Endometrial Gland	Adenocarcinoma, Nos Endometrial Stromal Polyp Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_041

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Zona Fasciculata	Degeneration, Lipoid
Kidney		Nephropathy
		Nephrosis, Hydro
Liver	Bile Duct	Cyst, Multiple
	Hepatocytes	Degeneration, Nos
		Hematopoiesis
Lung		Inflammation, Interstitial
		Lymphocytic Inflammatory Infiltrate
Ovary		Cyst, Follicular Nos
Spleen	Red Pulp	Hematopoiesis
Stomach	Glandular Stomach	Dysplasia, Nos
Thyroid		Cyst, Follicular Nos
Uterus		Endometrial Stromal Polyp
		Endometrial Stromal Sarcoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_042

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Zona Fasciculata Capsule	Degeneration, Lipoid Hyperplasia, Focal Nephropathy
Kidney		Angiectasis
Lymph node	Mesenteric Lymph Node Mesenteric Lymph Node	Hematopoiesis Cyst, Follicular Nos
Ovary		Dysplasia, Nos
Stomach	Glandular Stomach	Lymphoma, Lymphocytic-Malignant Type
Unspecified	Multiple Organs Nos	Hyperplasia, Cystic
Uterus	Endometrial Gland	Thrombus, Organized

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:13

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 3\_043

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Lung		Alveolar/Bronchiolar Adenoma
Thymus	Lymphocytes	Leukocytosis, Nos
	Lymphocytes	Necrosis, Focal
Uterus	Endometrial Gland	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_044

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Zona Fasciculata Capsule	Degeneration, Lipoid Hyperplasia, Focal
Kidney		Hyperplasia, Lymphoid Nephropathy
Liver		Hemangiosarcoma
Ovary		Cyst, Follicular Nos
Skin	Shoulder	Acanthosis
Spleen	Red Pulp Follicles	Hematopoiesis Hyperplasia, Lymphoid
Stomach	Glandular Stomach	Dysplasia, Nos
Thymus		Hyperplasia, Lymphoid
Uterus	Endometrial Gland	Dilatation, Nos Hyperplasia, Cystic Leiomyoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:13

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 3\_045

**TRT#:** 3

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Medulla

Congestion, Nos

Lung

Pigmentation, Nos

Ovary

Alveolar/Bronchiolar Carcinoma

Spleen

Cyst, Follicular Nos

Thymus

Red Pulp

Hematopoiesis

Unspecified

Mediastinum Nos

Depletion, Lymphoid

Uterus

Endometrial Gland

Alveolar/Bronchiolar Carcinoma, Metastatic

Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_046

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Zona Fasciculata Capsule	Degeneration, Lipoid Hyperplasia, Focal
Bone	Femur	Osteosclerosis
Kidney		Lymphocytic Inflammatory Infiltrate Nephropathy
Liver	Hepatocytes	Degeneration, Nos
Lung		Alveolar Macrophages
Ovary		Cyst, Follicular Nos
Salivary gland		Hyperplasia, Lymphoid
Stomach	Forestomach Glandular Stomach Forestomach	Acanthosis Dysplasia, Nos Hyperkeratosis
Thyroid		Cyst, Follicular Nos
Uterus	Endometrial Gland	Hyperplasia, Cystic Thrombus, Organized

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_047

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney		Nephropathy
Lung		Basal-Cell Carcinoma, Metastatic
Lymph node		Basal-Cell Carcinoma, Metastatic
Ovary		Cyst, Follicular Nos
Skin	Shoulder	Acanthosis
	Shoulder	Basal-Cell Carcinoma
	Shoulder	Inflammation, Active Chronic
Stomach	Glandular Stomach	Dysplasia, Nos
Unspecified	Multiple Organs Nos	Hematopoiesis
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_048

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Zona Fasciculata Capsule	Degeneration, Lipoid Hyperplasia, Focal
Blood vessel	Uterine Artery	Dilatation, Nos
Liver	Hepatocytes Hepatocytes	Cell-Size Alteration Degeneration, Nos Hematopoiesis
Lung		Thrombus, Fibrin
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Ovary	Follicle	Cyst, Multiple Thrombus, Organized
Skin	Shoulder Shoulder Shoulder	Acanthosis Inflammation, Active Chronic Ulcer, Nos
Spleen	Red Pulp	Hematopoiesis
Stomach	Glandular Stomach	Dysplasia, Nos
Thymus		Hyperplasia, Lymphoid
Thyroid	Follicle	Cyst, Multiple
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 3\_049

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Kidney  
Lung  
Lymph node  
Ovary  
Uterus

Capsule  
  
Mandibular Lymph Node  
  
Endometrial Gland

Hyperplasia, Focal  
Nephropathy  
Lymphocytic Inflammatory Infiltrate  
Hyperplasia, Lymphoid  
Cyst, Follicular Nos  
Hemangioma  
Papillary Cystadenocarcinoma Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 3\_050

**TRT#:** 3  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Zona Fasciculata	Degeneration, Lipoid
Clitoral gland		Dilatation, Ducts
Intestine Large	Colon	Parasitism
Lung		Alveolar/Bronchiolar Carcinoma
Lymph node	Thoracic Lymph Node	Depletion, Lymphoid
Ovary		Cyst, Parovarian
		Pigmentation, Nos
Spleen	Follicles	Depletion, Lymphoid
Stomach	Glandular Stomach	Adenocarcinoma, Nos
	Glandular Stomach	Dysplasia, Nos
	Forestomach	Hyperkeratosis
Thymus		Depletion, Lymphoid
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:13

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 4\_001

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Capsule

Hyperplasia, Focal

Lung

Inflammation, Interstitial

Ovary

Cyst, Follicular Nos

Skin

Shoulder

Acanthosis

Shoulder

Inflammation, Active Chronic

Shoulder

Squamous Cell Papilloma

Spleen

Depletion, Lymphoid

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:13

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 4\_002

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Zona Fasciculata

Hematopoiesis

Heart

Base Of Heart

Inflammation, Chronic Focal

Kidney

Cortex

Infarct, Focal

Tubule

Mineralization

Lung

Squamous Cell Carcinoma, Metastatic

Skin

Back

Acanthosis

Back

Hyperkeratosis

Shoulder

Squamous Cell Carcinoma

Spleen

Red Pulp

Hematopoiesis

Unspecified

Mediastinum Nos

Squamous Cell Carcinoma, Metastatic

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_003

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Zona Fasciculata	Degeneration, Lipoid
Bone marrow		Hyperplasia, Granulocytic
Kidney	Henles Loop/Descend. Convolutated Tubules	Cast, Nos Dilatation, Nos Glomerulosclerosis, Nos
Lymph node	Interstitium Mandibular Lymph Node Mandibular Lymph Node	Inflammation, Acute/Chronic Cyst, Nos Histiocytosis
Skin	Shoulder Shoulder Shoulder Shoulder	Acanthosis Hyperkeratosis Inflammation, Active Chronic Ulcer, Nos
Spleen		Depletion, Lymphoid
Thymus	Red Pulp	Hematopoiesis
Uterus	Cortex Endometrial Gland	Depletion, Lymphoid Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:13

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 4\_004

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Bone marrow		Hyperplasia, Granulocytic
Intestine Large	Colon	Inflammation, Acute Focal
Kidney		Hyperplasia, Lymphoid
Liver	Hepatic Sinusoid	Amyloidosis
Ovary		Cyst, Follicular Nos
Skin	Shoulder	Acanthosis
	Shoulder	Hyperkeratosis
	Shoulder	Ulcer, Nos
Spleen		Depletion, Lymphoid
Stomach	Glandular Stomach	Dysplasia, Nos
Thymus	Lymphocytes	Necrosis, Focal

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:13

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 4\_005

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Ovary

Follicle

Necrosis, Focal

Spleen

Depletion, Lymphoid

Thymus

Cortex

Depletion, Lymphoid

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_006

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Bone marrow		Necrosis, Diffuse
Kidney		Nephropathy
Lung		Squamous Cell Carcinoma, Metastatic
Lymph node	Axillary Lymph Node	Inflammation, Active Chronic
Mammary gland	Mammary Acinus	Hyperplasia, Cystic
Ovary		Cyst, Follicular Nos
Skin	Shoulder	Acanthosis
	Shoulder	Basal-Cell Carcinoma
	Shoulder	Hyperkeratosis
	Shoulder	Inflammation, Active Chronic
	Shoulder	Keratoacanthoma
	Thorax	Squamous Cell Carcinoma
Spleen	Red Pulp	Hematopoiesis
Stomach	Glandular Stomach	Dysplasia, Nos
Thymus		Depletion, Lymphoid
Uterus	Endometrial Gland	Hyperplasia, Focal
		Inflammation, Active Chronic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:13

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 4\_007

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Bone marrow		Hyperplasia, Granulocytic
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver		Inflammation, Acute/Chronic
Lung	Alveoli	Leukocytosis, Neutrophilic
Ovary	Follicle	Cyst, Multiple
Skin	Shoulder	Acanthosis
	Shoulder	Squamous Cell Carcinoma
Spleen	Red Pulp	Hematopoiesis
Stomach	Glandular Stomach	Dysplasia, Nos
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:13

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 4\_009

**TRT#:** 4

**DOSE:** 0

**SEX:** Female

**DISP:** Natural Death

**DAY ON TEST:**

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Bone marrow		Hyperplasia, Granulocytic
Kidney		Nephropathy
Liver	Hepatocytes	Necrosis, Focal
Lung		Squamous Cell Carcinoma, Metastatic
Ovary		Cyst, Follicular Nos
	Follicle	Necrosis, Focal
Skin	Shoulder	Acanthosis
	Shoulder	Hyperkeratosis
	Shoulder	Inflammation, Active Chronic
		Squamous Cell Carcinoma
	Shoulder	Squamous Cell Papilloma
Spleen	Red Pulp	Hematopoiesis
Stomach	Glandular Stomach	Dysplasia, Nos
Thymus		Depletion, Lymphoid
Urinary bladder	Submucosa	Hyperplasia, Lymphoid
Uterus	Endometrial Gland	Hyperplasia, Focal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:13

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 4\_010

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Zona Fasciculata	Degeneration, Lipoid
Bone marrow		Hyperplasia, Granulocytic
Liver	Hepatic Sinusoid	Amyloidosis
		Hematopoiesis
Lymph node	Mandibular Lymph Node	Hematopoiesis
Ovary		Cyst, Follicular Nos
	Follicle	Necrosis, Focal
Skin	Neck	Acanthosis
	Shoulder	Acanthosis
	Neck	Hyperkeratosis
	Shoulder	Hyperkeratosis
	Shoulder	Inflammation, Active Chronic
	Neck	Ulcer, Nos
Spleen	Follicles	Amyloidosis
		Hematopoiesis
Stomach	Glandular Stomach	Dysplasia, Nos
Unspecified	Neck	Inflammation, Active Chronic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:13

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 4\_011

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Intestine Large  
Liver  
Ovary

Colon  
Hepatocytes

Cast, Nos  
Necrosis, Focal  
Cyst, Follicular Nos

Pancreas  
Skeletal muscle  
Skin

Follicle  
  
Abdominal Muscle  
Shoulder  
Shoulder  
Shoulder

Necrosis, Focal  
Inflammation, Acute Focal  
Inflammation, Acute Focal  
Acanthosis  
Hyperkeratosis  
Squamous Cell Papilloma  
Depletion, Lymphoid  
Hyperplasia, Cystic

Thymus  
Uterus

Endometrial Gland

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:13

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 4\_012

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Intestine Large

Colon

Parasitism

Kidney

Interstitial

Inflammation, Acute/Chronic

Lymph node

Mandibular Lymph Node

Depletion, Lymphoid

Mandibular Lymph Node

Histiocytosis

Skin

Back

Acanthosis

Shoulder

Acanthosis

Back

Hyperkeratosis

Back

Inflammation, Active Chronic

Shoulder

Squamous Cell Papilloma

Thymus

Depletion, Lymphoid

Lymphocytes

Necrosis, Focal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:13

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 4\_013

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Skin

Shoulder

Acanthosis

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_014

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Bone marrow		Necrosis, Diffuse
Kidney		Inflammation, Acute Suppurative
Liver	Hepatocytes	Necrosis, Focal
Lymph node	Renal Lymph Node	Inflammation, Active Chronic
Ovary	Follicle	Cyst, Multiple
Skin	Shoulder	Acanthosis
	Shoulder	Carcinoma
	Shoulder	Hyperkeratosis
	Shoulder	Inflammation, Active Chronic
	Shoulder	Ulcer, Nos
Spleen	Red Pulp	Hematopoiesis
Unspecified	Multiple Organs Nos	Carcinoma, Metastatic
Uterus	Endometrial Gland	Hyperplasia, Cystic
		Inflammation, Active Chronic

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_015

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Blood		Leukocytosis, Nos
Kidney	Tubule	Mineralization Nephropathy
Liver		Hematopoiesis
	Hepatocytes	Necrosis, Focal
Lung	Alveoli	Leukocytosis, Neutrophilic Squamous Cell Carcinoma, Metastatic
Lymph node	Pancreatic Lymph Node	Hematopoiesis
Skin	Back	Squamous Cell Carcinoma
	Shoulder	Squamous Cell Carcinoma
Spleen	Red Pulp	Hematopoiesis

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_016

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Bone marrow		Hyperplasia, Granulocytic
Heart	Epicardium	Inflammation, Acute Focal
Intestine Large	Colon	Parasitism
Kidney		Glomerulonephritis, Subacute
Liver		Inflammation, Acute Focal
Lung		Squamous Cell Carcinoma, Metastatic
Lymph node	Thymic Lymph Node	Hematopoiesis
Ovary		Cyst, Follicular Nos
Skin	Shoulder	Acanthosis
	Shoulder	Keratoacanthoma
	Shoulder	Squamous Cell Carcinoma
Spleen	Red Pulp	Hematopoiesis
Thyroid	Follicle	Cyst, Multiple
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_017

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Bone marrow		Hyperplasia, Granulocytic
Heart	Myocardium Nos	Abscess, Chronic
Kidney		Amyloidosis
		Nephropathy
Liver		Amyloidosis
Lung		Congestion, Nos
	Alveoli	Hemorrhage
Mammary gland		Adenocarcinoma, Nos
	Mammary Acinus	Hyperplasia, Cystic
Skin	Shoulder	Acanthosis
	Shoulder	Cyst, Epidermal Inclusion
	Shoulder	Hyperkeratosis
	Shoulder	Inflammation, Active Chronic
Stomach	Glandular Stomach	Dysplasia, Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:13

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 4\_018

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Kidney		Hyperplasia, Lymphoid
Mammary gland	Mammary Acinus	Hyperplasia, Cystic
Ovary	Follicle	Necrosis, Focal
Skin	Shoulder	Acanthosis
	Shoulder	Hyperkeratosis
	Back	Squamous Cell Papilloma
	Shoulder	Ulcer, Nos
Spleen		Depletion, Lymphoid
	Red Pulp	Hematopoiesis
Stomach	Glandular Stomach	Dysplasia, Nos

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:13

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 4\_019

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Kidney		Nephropathy
Lung		Inflammation, Granulomatous Focal
Lymph node	Mandibular Lymph Node	Histiocytosis
Ovary	Follicle	Necrosis, Focal
Skin	Shoulder	Acanthosis
	Shoulder	Hyperkeratosis
	Shoulder	Inflammation, Active Chronic
	Shoulder	Ulcer, Nos
Unspecified	Multiple Organs Nos	Amyloidosis
Uterus	Endometrial Gland	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:13

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 4\_020

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Liver		Amyloidosis
Lymph node	Mandibular Lymph Node	Lymphangiectasis
	Mandibular Lymph Node	Plasmacytosis
Skin	Shoulder	Acanthosis
	Shoulder	Hyperkeratosis
	Back	Inflammation, Active Chronic
Spleen	Follicles	Amyloidosis
	Follicles	Depletion, Lymphoid

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_021

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Liver	Centrilobular	Necrosis, Focal
Ovary		Cyst, Follicular Nos
	Follicle	Necrosis, Focal
Skin	Shoulder	Acanthosis
	Shoulder	Inflammation, Active Chronic
	Shoulder	Squamous Cell Papilloma
Stomach	Glandular Stomach	Dysplasia, Nos

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_022

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Bone marrow		Hyperplasia, Granulocytic
Heart	Myocardium Nos	Inflammation, Granulomatous Focal
Intestine Large	Colon	Parasitism
Kidney	Tubule	Dilatation, Nos
	Tubule	Mineralization
		Nephropathy
Lung		Hyperplasia, Alveolar Epithelium
		Squamous Cell Carcinoma, Metastatic
Mammary gland	Mammary Acinus	Dilatation, Nos
Ovary		Cyst, Follicular Nos
Skin	Back	Hyperkeratosis
	Shoulder	Squamous Cell Carcinoma
Spleen	Red Pulp	Hematopoiesis
Uterus	Endometrial Gland	Cyst, Multiple
		Fibrosis, Multifocal

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_023

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Zona Fasciculata	Degeneration, Lipoid
	Capsule	Hyperplasia, Focal
Liver	Hepatocytes	Degeneration, Nos
	Hepatocytes	Necrosis, Focal
Lung		Alveolar/Bronchiolar Carcinoma
Lymph node	Brachial Lymph Node	Fibrosarcoma, Metastatic
Ovary	Follicle	Necrosis, Focal
Skin	Shoulder	Acanthosis
	Shoulder	Hyperkeratosis
	Shoulder	Inflammation, Active Chronic
Spleen	Red Pulp	Hematopoiesis
Stomach	Glandular Stomach	Dysplasia, Nos
Thymus	Cortex	Depletion, Lymphoid
Unspecified	Shoulder	Fibrosarcoma
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_024

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Bone marrow		Hyperplasia, Granulocytic
Liver	Hepatocytes	Cell-Size Alteration
		Hematopoiesis
	Hepatocytes	Necrosis, Focal
Lung		Alveolar/Bronchiolar Adenoma
Lymph node	Axillary Lymph Node	Hematopoiesis
	Mandibular Lymph Node	Hematopoiesis
Ovary	Follicle	Cyst, Multiple
Stomach	Glandular Stomach	Dysplasia, Nos
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:13

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 4\_025

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Lung		Congestion, Acute
Ovary		Cyst, Follicular Nos
Skin	Shoulder	Acanthosis
	Shoulder	Squamous Cell Papilloma
Spleen	Follicles	Depletion, Lymphoid
Uterus	Endometrial Gland	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_026

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Bone marrow		Hyperplasia, Granulocytic
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Colon	Parasitism
Kidney	Tubule	Dilatation, Nos
		Hyperplasia, Lymphoid
Liver		Hematopoiesis
Lung		Inflammation, Interstitial
		Squamous Cell Carcinoma, Metastatic
Mammary gland		Inflammation, Acute Focal
Ovary		Cyst, Follicular Nos
Skin	Shoulder	Acanthosis
	Shoulder	Hyperkeratosis
	Shoulder	Inflammation, Active Chronic
	Shoulder	Squamous Cell Carcinoma
Spleen	Red Pulp	Hematopoiesis
Thymus		Cyst, Embryonal Duct
		Depletion, Lymphoid
		Squamous Cell Carcinoma, Metastatic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_027

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Zona Fasciculata Capsule	Degeneration, Lipoid Hyperplasia, Focal
Liver	Hepatocytes	Hemangioma Necrosis, Focal
Lung		Squamous Cell Carcinoma, Metastatic
Mammary gland		Fibrosis, Multifocal
Ovary	Mammary Acinus Follicle	Hyperplasia, Focal Cyst, Multiple
Skin	Follicle	Necrosis, Focal
	Back	Acanthosis
	Shoulder	Acanthosis
	Shoulder	Hyperkeratosis
Spleen	Shoulder	Inflammation, Active Chronic
	Shoulder	Squamous Cell Carcinoma
	Follicles	Depletion, Lymphoid
	Red Pulp	Hematopoiesis
Stomach	Glandular Stomach	Necrosis, Focal
Thyroid		Cyst, Follicular Nos

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:13

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_028

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Bone marrow		Hyperplasia, Granulocytic
Lymph node	Mandibular Lymph Node	Hematopoiesis
	Mandibular Lymph Node	Hyperplasia, Lymphoid
Mammary gland		Cyst, Multiple
Skin	Shoulder	Acanthosis
	Shoulder	Hyperkeratosis
	Shoulder	Inflammation, Active Chronic
Spleen	Red Pulp	Hematopoiesis
Uterus	Endometrial Gland	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_029

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Zona Fasciculata	Degeneration, Lipoid
Brain	Cerebrum	Perivascular Cuffing
Kidney	Tubule	Dilatation, Nos Plasma-Cell Infiltrate
Liver	Hepatocytes	Necrosis, Focal
Lung		Lymphocytic Inflammatory Infiltrate
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
	Mandibular Lymph Node	Plasmacytosis
Ovary		Cyst, Follicular Nos
	Follicle	Necrosis, Focal
Skin	Shoulder	Acanthosis
	Shoulder	Inflammation, Active Chronic
	Shoulder	Squamous Cell Papilloma
Spleen		Depletion, Lymphoid
	Red Pulp	Hematopoiesis

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_030

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Ovary		Cyst, Follicular Nos
	Follicle	Inflammation, Active Chronic
Skin	Shoulder	Acanthosis
	Shoulder	Hyperkeratosis
	Shoulder	Inflammation, Active Chronic
	Shoulder	Squamous Cell Papilloma
Thyroid		Cyst, Follicular Nos
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type
Uterus		Endometrial Stromal Polyp
	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_031

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Bone marrow		Hyperplasia, Granulocytic
Kidney		Nephropathy
Lung		Squamous Cell Carcinoma, Metastatic
Lymph node	Mandibular Lymph Node	Inflammation, Acute Diffuse
Skin	Shoulder	Acanthosis
	Shoulder	Inflammation, Active Chronic
	Axilla	Squamous Cell Carcinoma
Spleen	Red Pulp	Hematopoiesis
Stomach	Forestomach	Hyperkeratosis
Unspecified	Shoulder	Fibrosis, Diffuse
Urinary bladder		Inflammation, Acute/Chronic
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:13

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 4\_032

**TRT#:** 4

**DOSE:** 0

**SEX:** Female

**DISP:** Natural Death

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Kidney		Pyelonephritis, Chronic
Lung		Inflammation, Interstitial
Lymph node		Plasmacytosis
Skin	Back	Acanthosis
	Shoulder	Acanthosis
	Back	Inflammation, Active Chronic
	Shoulder	Inflammation, Active Chronic
	Back	Ulcer, Nos
	Shoulder	Ulcer, Nos

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:13

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 4\_033

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Zona Fasciculata	Degeneration, Lipoid
Bone marrow		Hyperplasia, Granulocytic
Esophagus		Dilatation, Nos
Kidney	Tubule	Dilatation, Nos
		Nephropathy
Lung		Inflammation, Granulomatous Focal
Lymph node	Axillary Lymph Node	Inflammation, Active Chronic
	Mandibular Lymph Node	Inflammation, Chronic Focal
Ovary	Follicle	Cyst, Multiple
Skin	Shoulder	Acanthosis
	Shoulder	Hyperkeratosis
	Shoulder	Squamous Cell Carcinoma
	Shoulder	Squamous Cell Papilloma
	Shoulder	Ulcer, Nos
Spleen	Follicles	Depletion, Lymphoid
Thyroid		Cyst, Follicular Nos
Unspecified	Shoulder	Fibrosarcoma

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_034

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Zona Fasciculata Capsule	Degeneration, Lipoid Hyperplasia, Focal
Lymph node	Mandibular Lymph Node	Histiocytosis
Ovary		Cyst, Follicular Nos
Pancreas	Acinus	Necrosis, Focal
Skin	Shoulder	Acanthosis Acanthosis Hyperkeratosis
	Abdomen	Squamous Cell Carcinoma
	Shoulder	Squamous Cell Papilloma Ulcer, Nos
Stomach	Glandular Stomach	Dysplasia, Nos
Thymus		Depletion, Lymphoid
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:13

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 4\_035

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Kidney	Tubule	Dilatation, Nos Infarct, Focal
Ovary		Cyst, Follicular Nos
Skin	Back	Acanthosis
	Back	Hyperkeratosis
		Squamous Cell Papilloma
Stomach	Glandular Stomach	Dysplasia, Nos
Uterus	Endometrial Gland	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_036

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Bone marrow		Hyperplasia, Granulocytic
Kidney		Nephropathy
Liver		Amyloidosis
		Hematopoiesis
Lung	Alveoli	Leukocytosis, Neutrophilic
Skin	Shoulder	Acanthosis
	Shoulder	Squamous Cell Carcinoma
Spleen	Follicles	Amyloidosis
	Red Pulp	Hematopoiesis
Stomach	Forestomach	Hyperkeratosis
Unspecified	Shoulder	Fibrosarcoma
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_037

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Skin

Shoulder

Acanthosis

Shoulder

Hyperkeratosis

Back

Keratoacanthoma

Lower Leg

Keratoacanthoma

Shoulder

Squamous Cell Carcinoma

Lower Leg

Squamous Cell Carcinoma, Uncertain Prim/Meta

Unspecified

Multiple Organs Nos

Leukemia, Granulocytic

Multiple Organs Nos

Squamous Cell Carcinoma, Metastatic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:13

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 4\_038

**TRT#:** 4

**DOSE:** 0

**SEX:** Female

**DISP:** Natural Death

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Liver		Hematopoiesis
Ovary		Cyst, Follicular Nos
Skin	Shoulder	Inflammation, Active Chronic
	Shoulder	Keratoacanthoma
	Shoulder	Squamous Cell Papilloma
Spleen	Red Pulp	Hematopoiesis
Uterus	Endometrial Gland	Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_039

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Dilatation, Nos Glomerulonephritis, Focal Nephropathy
Liver	Hepatocytes	Necrosis, Focal
Lymph node	Mandibular Lymph Node	Inflammation, Acute Focal
Ovary		Amyloidosis Cyst, Follicular Nos
Salivary gland		Atrophy, Focal
Skin	Shoulder	Squamous Cell Carcinoma
Spleen	Red Pulp	Hematopoiesis
Thymus		Depletion, Lymphoid
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:13

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_040

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Adrenal gland

Zona Fasciculata

Degeneration, Lipoid

Skin

Shoulder

Squamous Cell Papilloma

Shoulder

Ulcer, Nos

Spleen

Red Pulp

Hematopoiesis

Thymus

Depletion, Lymphoid

Uterus

Endometrial Gland

Hyperplasia, Cystic

---

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_041

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Brain	Cerebrum	Inflammation, Multifocal
Heart		Bacterial Septicemia
	Myocardium Nos	Inflammation, Acute Focal
Kidney		Bacterial Septicemia
		Infarct, Acute
Lung		Congestion, Acute
Mammary gland	Mammary Acinus	Hyperplasia, Cystic
Skin	Chest	Acanthosis
	Neck	Acanthosis
	Shoulder	Acanthosis
	Neck	Hyperkeratosis
	Shoulder	Hyperkeratosis
	Neck	Ulcer, Nos
Spleen	Red Pulp	Hematopoiesis
Unspecified	Chest	Inflammation, Active Chronic
	Neck	Inflammation, Active Chronic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_042

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Liver	Hepatocytes	Cell-Size Alteration Necrosis, Focal
Mammary gland		Inflammation, Acute Focal
Ovary	Follicle	Necrosis, Focal
Skin	Shoulder	Acanthosis
	Shoulder	Cyst, Epidermal Inclusion
	Shoulder	Inflammation, Active Chronic
	Shoulder	Ulcer, Nos
Spleen	Follicles	Depletion, Lymphoid

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 4\_043

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos Hyperplasia, Tubular Cell
Liver	Hepatocytes	Hematopoiesis Necrosis, Focal
Lung		Alveolar/Bronchiolar Adenoma Squamous Cell Carcinoma, Metastatic
Ovary	Follicle	Cyst, Follicular Nos Necrosis, Focal
Skin		Acanthosis Keratoacanthoma
	Shoulder	Squamous Cell Carcinoma
	Shoulder	Squamous Cell Papilloma
Spleen	Red Pulp	Hematopoiesis
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-



**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

---

**ANIMAL ID:** 4\_044

**TRT#:** 4  
**DOSE:** 0

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

---

**OBSERVATIONS**

Skin

Shoulder  
Shoulder  
Shoulder  
Shoulder

Acanthosis  
Hyperkeratosis  
Inflammation, Active Chronic  
Squamous Cell Papilloma  
Lymphoma, Lymphocytic-Malignant Type

Unspecified

Multiple Organs Nos

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:13

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 4\_045

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Bone marrow		Hyperplasia, Granulocytic
Kidney		Glomerulonephritis, Chronic
	Interstitial	Inflammation, Chronic Focal
Liver	Hepatocytes	Necrosis, Focal
Lung		Edema, Nos
Lymph node	Axillary Lymph Node	Plasmacytosis
Skin	Shoulder	Acanthosis
	Shoulder	Squamous Cell Carcinoma
Spleen	Red Pulp	Hematopoiesis
Thymus		Depletion, Lymphoid
Uterus	Endometrial Gland	Cyst, Multiple

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:13

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 4\_046

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Intestine Large

Colon

Parasitism

Liver

Hepatocytes

Necrosis, Focal

Spleen

Follicles

Depletion, Lymphoid

Red Pulp

Hematopoiesis

Thymus

Depletion, Lymphoid

Thyroid

Follicle

Cyst, Multiple

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:13

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 4\_047

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Blood		Leukocytosis, Nos
Heart	Base Of Heart	Basal-Cell Carcinoma, Metastatic
Liver		Hematopoiesis
Lung		Basal-Cell Carcinoma, Metastatic
Lymph node	Mediastinal Lymph Node	Basal-Cell Carcinoma
Ovary		Cyst, Follicular Nos
Skin	Back	Acanthosis
	Shoulder	Basal-Cell Carcinoma
Spleen	Red Pulp	Hematopoiesis

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:13

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_048

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Natural Death

**HISTO:**

---

**OBSERVATIONS**

Ovary	Follicle	Necrosis, Focal
Skin	Back	Acanthosis
	Shoulder	Inflammation, Active Chronic
	Shoulder	Squamous Cell Papilloma

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:13

**First Dose M/F:** NA / NA

**Lab:** NA

---

**ANIMAL ID:** 4\_049

**TRT#:** 4

**DOSE:** 0

**SEX:** Female

**DISP:** Natural Death

**DAY ON TEST:**

**HISTO:**

---

**OBSERVATIONS**

Heart	Myocardium Nos	Necrosis, Focal
Intestine Large	Colon	Parasitism
Kidney	Tubule	Mineralization
Liver	Hepatic Sinusoid	Leukocytosis, Nos
Lung		Squamous Cell Carcinoma, Metastatic
Skin	Shoulder	Acanthosis
	Shoulder	Inflammation, Active Chronic
	Shoulder	Squamous Cell Carcinoma
Spleen	Red Pulp	Hematopoiesis
Stomach	Glandular Stomach	Mineralization

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:13

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 4\_050

**TRT#:** 4

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 0

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Kidney	Glomerulus	Amyloidosis
Liver		Amyloidosis
Lung		Hemorrhage
Lymph node	Mandibular Lymph Node	Necrosis, Diffuse
Ovary		Cyst, Follicular Nos
	Follicle	Necrosis, Focal
Skin	Shoulder	Acanthosis
	Shoulder	Hyperkeratosis
	Shoulder	Inflammation, Active Chronic
Spleen	Follicles	Depletion, Lymphoid

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:13

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 5\_001

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 055.5 MG/100UL

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Zona Fasciculata	Degeneration, Lipoid
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver	Hepatocytes	Necrosis, Focal
Lung		Metaplasia, Osseous
Ovary		Cyst, Follicular Nos
	Follicle	Necrosis, Focal
Skin	Shoulder	Acanthosis
	Shoulder	Hyperkeratosis
Stomach	Glandular Stomach	Dysplasia, Nos
Thyroid		Cyst, Follicular Nos
Urinary bladder		Inflammation, Acute Diffuse
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_002

**TRT#:** 5  
**DOSE:** 055.5 MG/100UL

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Bone marrow		Hyperplasia, Granulocytic
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Colon	Parasitism
Kidney		Plasmacytosis
Liver	Hepatocytes	Degeneration, Nos Inflammation, Granulomatous Focal
Lymph node	Mandibular Lymph Node Mandibular Lymph Node	Cyst, Nos Plasmacytosis
Ovary		Cyst, Follicular Nos
Skin	Abdomen Shoulder Abdomen Shoulder Abdomen Shoulder	Acanthosis Acanthosis Inflammation, Active Chronic Inflammation, Active Chronic Ulcer, Nos Ulcer, Nos
Spleen	Red Pulp	Hematopoiesis

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_003

**TRT#:** 5  
**DOSE:** 055.5 MG/100UL

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Zona Fasciculata Capsule	Degeneration, Lipoid Hyperplasia, Focal Nephropathy
Kidney		Inflammation, Interstitial
Lung		Hyperplasia, Lymphoid
Lymph node	Mandibular Lymph Node	Cyst, Multiple
Ovary	Follicle	Degeneration, Nos Mineralization
	Follicle	Necrosis, Focal
Skin	Shoulder	Acanthosis
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_004

**TRT#:** 5  
**DOSE:** 055.5 MG/100UL

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland  
Intestine Large  
Liver  
Lung  
Spleen  
Uterus

Capsule  
Colon  
Hepatocytes  
  
Follicles  
Endometrial Gland  
  
Endometrial Gland

Hyperplasia, Focal  
Parasitism  
Degeneration, Nos  
Lymphocytic Inflammatory Infiltrate  
Hyperplasia, Lymphoid  
Carcinoma In Situ, Nos  
Endometrial Stromal Polyp  
Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

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**ANIMAL ID:** 5\_005

**TRT#:** 5  
**DOSE:** 055.5 MG/100UL

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

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**OBSERVATIONS**

Adrenal gland	Zona Fasciculata Capsule	Degeneration, Lipoid Hyperplasia, Focal Alveolar/Bronchiolar Adenoma Cyst, Follicular Nos
Lung		Hematopoiesis
Ovary	Red Pulp	Dysplasia, Nos
Spleen	Glandular Stomach	Hyperplasia, Cystic
Stomach	Endometrial Gland	
Uterus		

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**PRIMARY CAUSE OF DEATH**

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**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_006

**TRT#:** 5  
**DOSE:** 055.5 MG/100UL

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Zona Fasciculata Capsule	Degeneration, Lipoid Hyperplasia, Focal Nephropathy
Kidney		Cyst, Multiple
Ovary	Follicle	Dysplasia, Nos
Stomach	Glandular Stomach	Cyst, Follicular Nos
Thyroid		Lymphoma, Histiocytic-Malignant Type
Unspecified	Multiple Organs Nos	Hyperplasia, Cystic
Uterus	Endometrial Gland	

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_007

**TRT#:** 5  
**DOSE:** 055.5 MG/100UL

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Zona Fasciculata Capsule	Degeneration, Lipoid Hyperplasia, Focal
Bone marrow		Hyperplasia, Granulocytic
Heart	Myocardium Nos	Degeneration, Nos
Liver	Hepatocytes	Cell-Size Alteration Cytoplasmic Change, Eosinophilic
	Hepatocytes	Degeneration, Nos Inflammation, Granulomatous Focal
	Hepatocytes	Necrosis, Focal
Lung		Lymphocytic Inflammatory Infiltrate
Lymph node	Mandibular Lymph Node	Plasmacytosis
Ovary		Cyst, Follicular Nos Cyst, Parovarian Hyperplasia, Epithelial
Skin	Shoulder	Acanthosis
	Shoulder	Hyperkeratosis
	Back	Inflammation, Active Chronic
Spleen	Follicles	Depletion, Lymphoid
	Red Pulp	Hematopoiesis
Thymus		Depletion, Lymphoid
Thyroid	Follicle	Cyst, Multiple
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:13

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 5\_008

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 055.5 MG/100UL

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Adrenal gland  
Kidney

Zona Fasciculata  
Glomerulus  
Tubule  
Interstitialium

Degeneration, Lipoid  
Amyloidosis  
Dilatation, Nos  
Inflammation, Active Chronic  
Inflammation, Interstitial  
Inflammation, Active Chronic  
Inflammation, Chronic Focal

Lung  
Lymph node  
Mammary gland

Mandibular Lymph Node

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_009

**TRT#:** 5  
**DOSE:** 055.5 MG/100UL

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Zona Fasciculata	Degeneration, Lipoid
	Capsule	Hyperplasia, Focal
Kidney	Cortex	Cyst, Multiple
		Lymphocytic Inflammatory Infiltrate
		Nephropathy
Lung		Alveolar/Bronchiolar Adenoma
Lymph node	Mandibular Lymph Node	Plasmacytosis
Ovary		Cyst, Follicular Nos
Skin	Shoulder	Acanthosis
	Shoulder	Inflammation, Active Chronic
	Shoulder	Ulcer, Nos
Spleen	Follicles	Depletion, Lymphoid
Thymus		Depletion, Lymphoid
Uterus		Endometrial Stromal Sarcoma
	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_010

**TRT#:** 5  
**DOSE:** 055.5 MG/100UL

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Zona Fasciculata Capsule	Degeneration, Lipoid Hyperplasia, Focal Nephropathy
Kidney		Inflammation, Granulomatous Focal
Liver		Cyst, Follicular Nos
Ovary		Acanthosis
Skin	Shoulder Shoulder Shoulder	Inflammation, Active Chronic Ulcer, Nos
Spleen	Follicles	Hyperplasia, Lymphoid
Stomach	Glandular Stomach	Dysplasia, Nos
Thyroid	Follicle	Cyst, Multiple
Uterus	Endometrial Gland	Hemorrhage, Chronic Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_011

**TRT#:** 5  
**DOSE:** 055.5 MG/100UL

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Zona Fasciculata Capsule	Degeneration, Lipoid Hyperplasia, Focal Squamous Cell Papilloma
Esophagus		
Heart	Myocardium Nos	Degeneration, Nos
Intestine Small	Submucosa, Jejunum	Amyloidosis
Kidney	Glomerulus Tubule	Amyloidosis Dilatation, Nos
Liver		Hematopoiesis Inflammation, Granulomatous Focal
Lung		Hyperplasia, Alveolar Epithelium
Ovary	Follicle	Cyst, Multiple
Skin	Shoulder	Acanthosis
Stomach	Forestomach Glandular Stomach	Cyst, Epidermal Inclusion Dysplasia, Nos
Thyroid		Amyloidosis
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type
Uterus	Endometrial Gland Endometrial Gland	Hyperplasia, Cystic Metaplasia, Squamous

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_012

**TRT#:** 5  
**DOSE:** 055.5 MG/100UL

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Zona Fasciculata Capsule Medulla	Degeneration, Lipoid Hyperplasia, Focal Hyperplasia, Focal
Intestine Large	Colon	Parasitism
Kidney		Nephropathy Nephrosis, Hydro
Liver	Hepatocytes Hepatocytes Hepatocytes	Cell-Size Alteration Degeneration, Nos Hemangiosarcoma Necrosis, Focal
Ovary		Cyst, Follicular Nos
Skin	Shoulder	Acanthosis
Spleen		Hemangiosarcoma
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_013

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 055.5 MG/100UL

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Degeneration, Lipoid
	Medulla	Mineralization
Liver	Hepatocytes	Necrosis, Focal
Mammary gland		Dilatation, Ducts
Ovary		Cyst, Follicular Nos
Skin	Shoulder	Acanthosis
	Dermis	Fibrosis, Multifocal
	Shoulder	Hyperkeratosis
Spleen	Red Pulp	Hematopoiesis
Unspecified	Axilla	Inflammation, Active Chronic
	Multiple Organs Nos	Lymphoma, Mixed-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:13

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 5\_014

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 055.5 MG/100UL

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Bone	Lumbar Vertebra Nos	Osteoma
Heart	Myocardium Nos	Mineralization
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Necrosis, Focal
Ovary		Cyst, Follicular Nos
	Follicle	Necrosis, Focal
Skin	Shoulder	Acanthosis
	Shoulder	Ulcer, Nos
Thyroid	Follicle	Cyst, Multiple
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type
Uterus		Endometrial Stromal Polyp
	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_015

**TRT#:** 5  
**DOSE:** 055.5 MG/100UL

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Kidney		Nephropathy
Liver		Amyloidosis
	Hepatocytes	Necrosis, Focal
Ovary	Follicle	Cyst, Multiple
Pituitary gland		Hyperplasia, Focal
Skin	Shoulder	Acanthosis
	Shoulder	Hyperkeratosis
	Shoulder	Inflammation, Active Chronic
Thymus		Depletion, Lymphoid
Thyroid		Amyloidosis
	Follicle	Cyst, Multiple
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:13

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 5\_016

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 055.5 MG/100UL

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Skin

Shoulder

Acanthosis

Shoulder

Inflammation, Active Chronic

Unspecified

Multiple Organs Nos

Lymphoma, Lymphocytic-Malignant Type

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_017

**TRT#:** 5  
**DOSE:** 055.5 MG/100UL

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Zona Fasciculata	Degeneration, Lipoid
	Zona Fasciculata	Focal Cellular Change
	Capsule	Hyperplasia, Focal
Gall bladder	Mucosa	Hyperplasia, Cystic
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Glomerulus	Amyloidosis
	Bowmans Capsule	Dilatation, Nos
		Nephrosis, Hydro
Ovary	Follicle	Cyst, Multiple
Skin	Shoulder	Acanthosis
Stomach	Glandular Stomach	Dysplasia, Nos
Thyroid	Follicle	Cyst, Multiple
Unspecified	Multiple Organs Nos	Lymphoma, Lymphocytic-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic
	Endometrial Gland	Metaplasia, Squamous

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_018

**TRT#:** 5  
**DOSE:** 055.5 MG/100UL

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Zona Fasciculata Capsule	Degeneration, Lipoid Hyperplasia, Focal
Bone marrow		Hypoplasia, Granulocytic
Liver	Hepatocytes	Necrosis, Focal
Lung	Pleura Nos	Fibrosis, Multifocal
Ovary	Follicle	Cyst, Multiple
Skin	Shoulder	Acanthosis
Spleen	Follicles	Depletion, Lymphoid
Stomach	Glandular Stomach	Dysplasia, Nos
Thymus		Depletion, Lymphoid
Thyroid		Cyst, Follicular Nos
Uterus		Endometrial Stromal Sarcoma
	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_019

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 055.5 MG/100UL

**DISP:** Natural Death

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Medulla	Degeneration, Lipoid
Bone marrow		Hypoplasia, Hematopoietic
Intestine Large	Colon	Parasitism
Kidney	Cortex	Cyst, Nos
Liver		Necrosis, Focal
Ovary		Cyst, Follicular Nos
Skin	Shoulder	Acanthosis
	Shoulder	Hyperkeratosis
	Shoulder	Inflammation, Active Chronic
Spleen	Follicles	Depletion, Lymphoid
	Red Pulp	Hemosiderosis
Thyroid	Follicle	Crystals, Nos
	Follicle	Cyst, Multiple
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_020

**TRT#:** 5  
**DOSE:** 055.5 MG/100UL

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Zona Fasciculata Capsule	Degeneration, Lipoid Hyperplasia, Focal
Bone marrow		Hyperplasia, Granulocytic
Heart	Myocardium Nos	Degeneration, Nos
Kidney	Tubule	Dilatation, Nos Lymphocytic Inflammatory Infiltrate Nephropathy
Liver	Hepatocytes Hepatocytes Hepatocytes	Cell-Size Alteration Degeneration, Nos Necrosis, Focal
Mammary gland	Mammary Acinus	Hyperplasia, Focal
Ovary		Cyst, Follicular Nos
Skin	Shoulder Shoulder Shoulder	Acanthosis Inflammation, Active Chronic Ulcer, Nos
Spleen	Red Pulp	Hematopoiesis
Stomach	Forestomach Glandular Stomach	Cyst, Epidermal Inclusion Dysplasia, Nos
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_021

**TRT#:** 5  
**DOSE:** 055.5 MG/100UL

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Bone marrow		Hypoplasia, Hematopoietic
Kidney	Tubule	Dilatation, Nos Lymphocytic Inflammatory Infiltrate
Liver		Hemangiosarcoma, Metastatic
Ovary		Cyst, Follicular Nos
Skin	Follicle	Necrosis, Focal
	Shoulder	Acanthosis
	Shoulder	Hyperkeratosis
	Shoulder	Ulcer, Nos
Spleen		Hemangiosarcoma
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:13

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 5\_022

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 055.5 MG/100UL

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Zona Fasciculata Capsule	Degeneration, Lipoid Hyperplasia, Focal
Brain		Hydrocephalus, Nos
Heart	Myocardium Nos	Periarteritis
Kidney		Nephropathy
Liver	Hepatocytes	Necrosis, Focal
Lung		Alveolar/Bronchiolar Adenoma
Lymph node	Mesenteric Lymph Node Mesenteric Lymph Node	Angiectasis Hematopoiesis
Ovary		Cyst, Follicular Nos
Skin	Shoulder Shoulder Shoulder	Acanthosis Hyperkeratosis Inflammation, Active Chronic
Spleen		Hemangioma
Stomach	Forestomach	Acanthosis
Thymus		Depletion, Lymphoid
Thyroid		Cyst, Follicular Nos
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_023

**TRT#:** 5  
**DOSE:** 055.5 MG/100UL

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Zona Fasciculata Capsule	Degeneration, Lipoid Hyperplasia, Focal
Bone marrow		Hyperplasia, Granulocytic
Gall bladder		Distention
Kidney		Nephropathy
Liver	Hepatocytes	Degeneration, Nos
Lung		Inflammation, Interstitial
Ovary		Cyst, Follicular Nos
	Follicle	Necrosis, Focal
Skin	Shoulder	Acanthosis
	Shoulder	Inflammation, Active Chronic
	Shoulder	Ulcer, Nos
Spleen	Follicles	Depletion, Lymphoid
	Red Pulp	Hematopoiesis
Stomach	Glandular Stomach	Diverticulum
	Glandular Stomach	Dysplasia, Nos
	Glandular Stomach	Ulcer, Acute
Thymus		Depletion, Lymphoid

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:13

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 5\_024

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 055.5 MG/100UL

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Ovary		Cyst, Follicular Nos
	Follicle	Necrosis, Focal
Spleen		Depletion, Lymphoid
Thymus	Cortex	Depletion, Lymphoid
Thyroid		Cyst, Follicular Nos
Urinary bladder	Mucosa	Necrosis, Cytodegenerative

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**PRIMARY CAUSE OF DEATH**

-

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**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_025

**TRT#:** 5  
**DOSE:** 055.5 MG/100UL

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Zona Fasciculata	Degeneration, Lipoid
Kidney	Tubule	Dilatation, Nos Nephropathy
Lung		Inflammation, Interstitial
Ovary		Cyst, Follicular Nos Necrosis, Focal
Pituitary gland	Follicle	Congestion, Nos
Skin	Anterior Pituitary	Acanthosis
	Back	Acanthosis
	Shoulder	Depletion, Lymphoid
Spleen	Follicles	Depletion, Lymphoid
Thymus		Hyperplasia, Cystic
Uterus	Endometrial Gland	

PRIMARY CAUSE OF DEATH

-



**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:13

**First Dose M/F:** NA / NA

**Lab:** NA

**ANIMAL ID:** 5\_026

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 055.5 MG/100UL

**DISP:** Terminal Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Gall bladder		Distention
Kidney	Tubule	Dilatation, Nos Nephropathy
Lung		Lymphocytic Inflammatory Infiltrate
Ovary		Cyst, Follicular Nos
	Follicle	Necrosis, Focal
Spleen	Follicles	Hyperplasia, Lymphoid
Thymus		Hyperplasia, Lymphoid
Thyroid		Cyst, Follicular Nos
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_027

**TRT#:** 5  
**DOSE:** 055.5 MG/100UL

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
	Medulla	Pheochromocytoma
Esophagus		Hyperplasia, Epithelial
Kidney	Tubule	Dilatation, Nos
		Nephropathy
Liver	Hepatocytes	Necrosis, Focal
Lung		Lymphocytic Inflammatory Infiltrate
Ovary		Cyst, Follicular Nos
Skin	Shoulder	Acanthosis
Spleen	Red Pulp	Hematopoiesis
Thyroid	Follicle	Cyst, Multiple
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:13

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 5\_028

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 055.5 MG/100UL

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Spleen

Depletion, Lymphoid

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:13

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 5\_029

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 055.5 MG/100UL

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Bone	Femur	Osteoma
Skin	Shoulder	Acanthosis
	Shoulder	Hyperkeratosis
	Shoulder	Inflammation, Active Chronic
	Shoulder	Ulcer, Nos
Uterus		Angiectasis
		Endometrial Stromal Polyp

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_030

**TRT#:** 5  
**DOSE:** 055.5 MG/100UL

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Zona Fasciculata Capsule	Degeneration, Lipoid Hyperplasia, Focal
Heart	Myocardium Nos	Degeneration, Nos
Kidney		Nephropathy
Lung		Alveolar/Bronchiolar Adenoma Lymphocytic Inflammatory Infiltrate
Ovary		Cyst, Follicular Nos
Skin	Shoulder	Inflammation, Active Chronic
Spleen	Follicles	Hyperplasia, Lymphoid
Thymus		Hyperplasia, Lymphoid
Thyroid		Cyst, Follicular Nos
Uterus	Endometrial Gland Cervix Uteri	Hyperplasia, Cystic Inflammation, Chronic Focal

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:13

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 5\_031

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 055.5 MG/100UL

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Kidney  
Thymus

Tubule

Dilatation, Nos  
Hemorrhage  
Hyperplasia, Lymphoid

Uterus

Lymphocytes  
Endometrial Gland

Necrosis, Focal  
Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_032

**TRT#:** 5  
**DOSE:** 055.5 MG/100UL

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Zona Fasciculata Capsule	Degeneration, Lipoid Hyperplasia, Focal
Bone marrow		Fibrosis, Myelo
Heart	Myocardium Nos	Degeneration, Nos
Intestine Large	Colon	Parasitism
Liver		Hepatocellular Adenoma
Lung		Alveolar/Bronchiolar Adenoma
Spleen	Follicles	Hyperplasia, Lymphoid
Thyroid		Cyst, Follicular Nos
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:13

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 5\_033

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 055.5 MG/100UL

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Zona Fasciculata

Degeneration, Lipoid

Capsule

Hyperplasia, Focal

Lymph node

Mandibular Lymph Node

Pigmentation, Nos

Ovary

Cyst, Follicular Nos

Skin

Back

Acanthosis

Shoulder

Acanthosis

Spleen

Follicles

Depletion, Lymphoid

Uterus

Endometrial Gland

Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_034

**TRT#:** 5  
**DOSE:** 055.5 MG/100UL

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Lung		Alveolar/Bronchiolar Carcinoma
Ovary	Alveoli	Edema, Nos
		Cyst, Follicular Nos
		Luteoma
Skin	Shoulder	Acanthosis
Thyroid	Follicle	Cyst, Multiple
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_035

**TRT#:** 5  
**DOSE:** 055.5 MG/100UL

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Zona Fasciculata	Degeneration, Lipoid
	Capsule	Hyperplasia, Focal
Kidney	Glomerulus	Amyloidosis
Liver		Hemangiosarcoma
		Necrosis, Focal
Ovary		Cyst, Follicular Nos
		Luteoma
Skin	Shoulder	Acanthosis
	Shoulder	Hyperkeratosis
Spleen	Red Pulp	Hematopoiesis
Unspecified	Multiple Organs Nos	Lymphoma, Histiocytic-Malignant Type
Urinary bladder	Mucosa	Degeneration, Ballooning
	Submucosa	Edema, Nos
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_036

**TRT#:** 5  
**DOSE:** 055.5 MG/100UL

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Zona Fasciculata	Degeneration, Lipoid
Bone marrow		Hyperplasia, Granulocytic
Kidney		Lymphocytic Inflammatory Infiltrate
		Nephropathy
Lung		Hyperplasia, Alveolar Epithelium
		Lymphocytic Inflammatory Infiltrate
Ovary		Cyst, Follicular Nos
Skin	Shoulder	Acanthosis
Spleen	Follicles	Hyperplasia, Lymphoid
Stomach	Glandular Stomach	Dysplasia, Nos
Thyroid		Hyperplasia, Follicular Cell
		Inflammation, Granulomatous Focal
		Lymphocytic Inflammatory Infiltrate
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_037

**TRT#:** 5  
**DOSE:** 055.5 MG/100UL

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
Gall bladder		Adenocarcinoma, Nos
Kidney		Lymphocytic Inflammatory Infiltrate
		Nephropathy
Liver		Hepatocellular Adenoma
		Hepatocellular Carcinoma
	Hepatocytes	Necrosis, Focal
Lung	Alveoli	Hemorrhage
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Ovary		Cyst, Follicular Nos
		Cyst, Parovarian
Skin	Shoulder	Acanthosis
	Shoulder	Inflammation, Active Chronic
Spleen	Red Pulp	Hematopoiesis
Thyroid		Cyst, Follicular Nos
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_038

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 055.5 MG/100UL

**DISP:** Moribund Sacrifice

**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
	Medulla	Hyperplasia, Nos
Bone marrow		Hyperplasia, Granulocytic
Intestine Large	Colon	Parasitism
Kidney		Nephropathy
Liver	Hepatocytes	Degeneration, Nos
Lung		Lymphocytic Inflammatory Infiltrate
Ovary		Cyst, Follicular Nos
Skin	Shoulder	Inflammation, Active Chronic
Spleen	Red Pulp	Hematopoiesis
Stomach	Glandular Stomach	Dysplasia, Nos
Thyroid		Cyst, Follicular Nos
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:13

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 5\_039

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 055.5 MG/100UL

**DISP:** Moribund Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Capsule

Hyperplasia, Focal

Kidney

Lymphocytic Inflammatory Infiltrate

Lymph node

Mandibular Lymph Node

Hyperplasia, Lymphoid

Ovary

Cyst, Follicular Nos

Skin

Shoulder

Acanthosis

Shoulder

Hyperkeratosis

Shoulder

Inflammation, Active Chronic

Shoulder

Ulcer, Nos

Uterus

Endometrial Gland

Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_040

**TRT#:** 5  
**DOSE:** 055.5 MG/100UL

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Esophagus		Dilatation, Nos
Lymph node	Mandibular Lymph Node	Pigmentation, Nos
Ovary		Cyst, Follicular Nos
	Follicle	Necrosis, Focal
Pancreas	Acinus	Atrophy, Focal
Skin	Shoulder	Inflammation, Active Chronic
Spleen	Follicles	Depletion, Lymphoid
Thymus		Depletion, Lymphoid
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_041

**TRT#:** 5  
**DOSE:** 055.5 MG/100UL

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Zona Fasciculata Capsule	Degeneration, Lipoid Hyperplasia, Focal
Kidney		Nephropathy
Liver		Hematopoiesis
	Bile Duct	Hyperplasia, Focal
Lung		Hyperplasia, Alveolar Epithelium
Ovary		Cyst, Follicular Nos
Spleen	Follicles	Hyperplasia, Lymphoid
Thymus		Depletion, Lymphoid
Thyroid		Cyst, Follicular Nos
Uterus	Endometrial Gland	Hyperplasia, Cystic

PRIMARY CAUSE OF DEATH

-

\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:13

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 5\_042

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 055.5 MG/100UL

**DISP:** Terminal Sacrifice

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Zona Fasciculata

Degeneration, Lipoid

Kidney

Medulla

Hyperplasia, Focal

Liver

Nephropathy

Ovary

Hemangioma

Hematopoiesis

Skin

Shoulder

Cyst, Follicular Nos

Unspecified

Multiple Organs Nos

Cyst, Parovarian

Uterus

Endometrial Gland

Acanthosis

Lymphoma, Lymphocytic-Malignant Type

Hyperplasia, Cystic

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:13

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 5\_043

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 055.5 MG/100UL

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Heart	Epicardium	Inflammation, Chronic Focal
Lung		Inflammation, Granulomatous Focal
Skin	Shoulder	Acanthosis
	Shoulder	Hyperkeratosis
	Shoulder	Inflammation, Active Chronic
	Shoulder	Ulcer, Nos

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**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_044

**TRT#:** 5  
**DOSE:** 055.5 MG/100UL

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Bone marrow		Hyperplasia, Granulocytic
Lung		Inflammation, Granulomatous Focal
Lymph node	Mandibular Lymph Node	Necrosis, Focal
	Mandibular Lymph Node	Plasmacytosis
Ovary	Follicle	Cyst, Multiple
	Follicle	Necrosis, Focal
Spleen		Depletion, Lymphoid
	Red Pulp	Hematopoiesis
Thymus		Depletion, Lymphoid
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C50351

**Test Type:** Long-Term

**Route:** Topical Application

**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**

**Test Compound:** o-Phenylphenol

**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014

**Time Report Requested:** 13:25:13

**First Dose M/F:** NA / NA

**Lab:** NA

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**ANIMAL ID:** 5\_045

**TRT#:** 5

**SEX:** Female

**DAY ON TEST:**

**DOSE:** 055.5 MG/100UL

**DISP:** Natural Death

**HISTO:**

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**OBSERVATIONS**

Adrenal gland

Zona Fasciculata

Congestion, Nos

Kidney

Cortex

Cyst, Nos

Lung

Alveolar/Bronchiolar Adenoma

Ovary

Cyst, Follicular Nos

Skin

Shoulder

Acanthosis

Shoulder

Hyperkeratosis

Uterus

Endometrial Gland

Hyperplasia, Cystic

Endometrial Stroma

Hyperplasia, Diffuse

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**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_046

**TRT#:** 5  
**DOSE:** 055.5 MG/100UL

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Kidney	Tubule	Degeneration, Nos
	Tubule	Regeneration, Nos
Liver	Hepatic Sinusoid	Amyloidosis
	Portal Tract	Amyloidosis
	Hepatocytes	Cell-Size Alteration
Lymph node	Mandibular Lymph Node	Inflammation, Acute
	Mandibular Lymph Node	Lymphangiectasis
Skin	Shoulder	Acanthosis
	Shoulder	Cyst, Epidermal Inclusion
	Shoulder	Hyperkeratosis
	Shoulder	Inflammation, Active Chronic
	Shoulder	Ulcer, Nos
Unspecified	Shoulder	Mastocytosis

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_047

**TRT#:** 5  
**DOSE:** 055.5 MG/100UL

**SEX:** Female  
**DISP:** Natural Death

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Bone marrow		Hyperplasia, Granulocytic
Heart	Myocardium Nos	Perivasculitis
Intestine Small	Jejunum	Amyloidosis
Kidney		Lymphocytic Inflammatory Infiltrate
Liver		Hematopoiesis
Lymph node	Lumbar Lymph Node	Plasmacytosis
Ovary		Cyst, Follicular Nos
Peritoneum		Inflammation, Active Chronic
Skin	Shoulder	Acanthosis
	Back	Hyperkeratosis
	Shoulder	Hyperkeratosis
	Back	Inflammation, Active Chronic
	Shoulder	Inflammation, Active Chronic
Spleen	Red Pulp	Hematopoiesis
Unspecified	Thoracic Cavity Nos	Lymphocytic Inflammatory Infiltrate
Uterus		Hemorrhage, Chronic
		Inflammation, Active Chronic

**PRIMARY CAUSE OF DEATH**

-

\* PROTOCOL REQUIRED TISSUE

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_048

**TRT#:** 5  
**DOSE:** 055.5 MG/100UL

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Zona Fasciculata Capsule	Degeneration, Lipoid Hyperplasia, Focal
Kidney		Nephropathy
Liver		Hepatocellular Adenoma
	Hepatocytes	Necrosis, Focal
Lung		Lymphocytic Inflammatory Infiltrate
Lymph node	Mandibular Lymph Node	Hyperplasia, Lymphoid
Ovary		Cyst, Follicular Nos Luteoma
Skin	Back Shoulder	Acanthosis Acanthosis
Spleen	Follicles	Hyperplasia, Lymphoid
Uterus	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

-

**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_049

**TRT#:** 5  
**DOSE:** 055.5 MG/100UL

**SEX:** Female  
**DISP:** Terminal Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Adrenal gland	Capsule	Hyperplasia, Focal
	Medulla	Hyperplasia, Focal
Bone marrow		Hyperplasia, Granulocytic
Kidney	Bowmans Capsule	Dilatation, Nos
	Tubule	Dilatation, Nos
		Nephropathy
Liver	Hepatocytes	Cell-Size Alteration
	Hepatocytes	Degeneration, Nos
Lung		Alveolar/Bronchiolar Adenoma
Mammary gland		Adenocarcinoma, Nos
Ovary		Cyst, Parovarian
Skin	Shoulder	Acanthosis
	Shoulder	Hyperkeratosis
	Shoulder	Inflammation, Active Chronic
Spleen	Follicles	Hyperplasia, Lymphoid
Thymus		Depletion, Lymphoid
Thyroid		Cyst, Follicular Nos
Uterus	Cervix Uteri	Fibroma
	Endometrial Gland	Hyperplasia, Cystic

**PRIMARY CAUSE OF DEATH**

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\* PROTOCOL REQUIRED TISSUE



**Experiment Number:** C50351  
**Test Type:** Long-Term  
**Route:** Topical Application  
**Species/Strain:** Mouse/Swiss

**P14: INDIVIDUAL ANIMAL PATHOLOGY DATA**  
**Test Compound:** o-Phenylphenol  
**CAS Number:** 90-43-7

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 13:25:13  
**First Dose M/F:** NA / NA  
**Lab:** NA

**ANIMAL ID:** 5\_050

**TRT#:** 5  
**DOSE:** 055.5 MG/100UL

**SEX:** Female  
**DISP:** Moribund Sacrifice

**DAY ON TEST:**  
**HISTO:**

**OBSERVATIONS**

Bone marrow		Hyperplasia, Granulocytic
Kidney	Tubule	Dilatation, Nos Nephropathy
Liver	Hepatocytes	Necrosis, Focal
Mammary gland	Mammary Acinus	Hyperplasia, Cystic
Ovary	Follicle	Cyst, Multiple
	Follicle	Necrosis, Focal
Skin	Back	Acanthosis
	Shoulder	Acanthosis
	Back	Hyperkeratosis
	Shoulder	Hyperkeratosis
Spleen	Follicles	Necrosis, Focal
Thymus		Depletion, Lymphoid

PRIMARY CAUSE OF DEATH

-

**\*\* END OF REPORT \*\***