

Experiment Number: 99024-06
Test Type: 90-DAY
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Test Compound: Androstenedione
CAS Number: 63-05-8

Date Report Requested: 10/17/2014
Time Report Requested: 16:04:48
First Dose M/F: NA / NA
Lab: SRI

| | |
|-----------------------------|------------|
| C Number: | C99024C |
| Lock Date: | 11/15/2002 |
| Cage Range: | All |
| Date Range: | All |
| Reasons For Removal: | All |
| Removal Date Range: | All |
| Treatment Groups: | All |
| Study Gender: | Both |
| PWG Approval Date | NONE |

Experiment Number: 99024-06

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/17/2014

Time Report Requested: 16:04:48

First Dose M/F: NA / NA

Lab: SRI

| | | | | | | | | | | | | |
|--|-------------|---|---|---|---|---|---|---|---|---|---|----------------|
| B6C3F1 Mouse Male 0.0 MG/KG | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | *TOTALS |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | | |

Alimentary System

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|----|-------|
| Esophagus | + | + | + | + | + | + | + | + | + | + | 10 | |
| Gallbladder | + | + | + | M | + | + | + | + | + | + | 9 | |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | 10 | |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | 10 | |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | 10 | |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | 10 | |
| Intestine Small, Ileum | + | + | + | + | I | + | + | + | + | + | 9 | |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | 10 | |
| Liver | + | + | + | + | + | + | + | + | + | + | 10 | |
| Hematopoietic Cell Proliferation, Focal | | | | | | | 1 | | | | | 1 1.0 |
| Pancreas | + | + | + | + | + | + | + | + | + | + | 10 | |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | 10 | |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | 10 | |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | 10 | |
| Cyst | | | | 1 | 1 | 1 | | | | | | 3 1.0 |

Cardiovascular System

| | | | | | | | | | | | | |
|-------|---|---|---|---|---|---|---|---|---|---|----|--|
| Heart | + | + | + | + | + | + | + | + | + | + | 10 | |
|-------|---|---|---|---|---|---|---|---|---|---|----|--|

Endocrine System

| | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|----|-------|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | 10 | |
| Accessory Adrenal Cortical Nodule | | | | | 1 | | | | | | | 1 1.0 |

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 99024-06

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/17/2014

Time Report Requested: 16:04:48

First Dose M/F: NA / NA

Lab: SRI

| B6C3F1 Mouse Male 0.0 MG/KG | DAY ON TEST | | | | | | | | | | *TOTALS |
|--|-------------|---|---|---|---|---|---|---|---|---|---------|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | 10 |
| Parathyroid Gland | + | + | + | + | + | + | + | + | + | + | 10 |
| Cyst | 1 | | | | | | | | | | 1 1.0 |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | 10 |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | 10 |
| Ectopic Thymus | | | | 1 | | | | | | | 1 1.0 |
| General Body System | | | | | | | | | | | |
| NONE | | | | | | | | | | | |
| Genital System | | | | | | | | | | | |
| Epididymis | + | + | + | + | + | + | + | + | + | + | 10 |
| Preputial Gland | + | + | + | + | + | + | + | + | + | + | 10 |
| Cyst | | | 2 | | | | | | | | 1 2.0 |
| Prostate | + | + | + | + | + | + | + | + | + | + | 10 |
| Infiltration Cellular, Lymphocyte, Focal | | | | | | | | | 1 | | 1 1.0 |
| Seminal Vesicle | + | + | + | + | + | + | + | + | + | + | 10 |
| Testes | + | + | + | + | + | + | + | + | + | + | 10 |
| Hematopoietic System | | | | | | | | | | | |
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | 10 |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | 10 |
| Necrosis, Lymphoid | | | | 1 | | | 1 | | 1 | | 3 1.0 |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | 10 |

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 99024-06

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/17/2014

Time Report Requested: 16:04:48

First Dose M/F: NA / NA

Lab: SRI

| B6C3F1 Mouse Male 0.0 MG/KG | DAY ON TEST | | | | | | | | | | | |
|--------------------------------|-------------|---|---|---|---|---|---|---|---|---|---------|-----|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | *TOTALS | |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | |
| Necrosis, Lymphoid | | | 1 | | | 1 | 1 | 1 | 2 | 1 | 6 | 1.2 |
| Spleen | + | + | + | + | + | + | + | + | + | + | 10 | |
| Necrosis, Lymphoid | | | | 1 | | | 1 | 1 | 1 | 1 | 5 | 1.0 |
| Thymus | + | + | + | + | + | + | + | + | + | + | 10 | |
| Necrosis, Lymphoid | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 7 | 1.0 |
| Integumentary System | | | | | | | | | | | | |
| Mammary Gland | M | M | M | M | M | M | M | M | M | M | 0 | |
| Skin | + | + | + | + | + | + | + | + | + | + | 10 | |
| Musculoskeletal System | | | | | | | | | | | | |
| Bone | + | + | + | + | + | + | + | + | + | + | 10 | |
| Nervous System | | | | | | | | | | | | |
| Brain | + | + | + | + | + | + | + | + | + | + | 10 | |
| Respiratory System | | | | | | | | | | | | |
| Lung | + | + | + | + | + | + | + | + | + | + | 10 | |
| Nose | + | + | + | + | + | + | + | + | + | + | 10 | |
| Trachea | + | + | + | + | + | + | + | + | + | + | 10 | |
| Special Senses System | | | | | | | | | | | | |
| Eye | + | + | + | + | + | + | + | + | + | + | 10 | |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | 10 | |

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 99024-06
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: Androstenedione
 CAS Number: 63-05-8

Date Report Requested: 10/17/2014
 Time Report Requested: 16:04:48
 First Dose M/F: NA / NA
 Lab: SRI

B6C3F1 Mouse Male
0.0 MG/KG

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-------------|----------------|---|---|---|---|---|---|---|---|---|---|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | |
| | *TOTALS | | | | | | | | | | |

Urinary System

| | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|-------|
| Kidney | + | + | + | + | + | + | + | + | + | + | 10 |
| Nephropathy | | | | | | 1 | | | | | 1 1.0 |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | 10 |

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 99024-06
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Androstenedione
 CAS Number: 63-05-8

Date Report Requested: 10/17/2014
 Time Report Requested: 16:04:48
 First Dose M/F: NA / NA
 Lab: SRI

B6C3F1 Mouse Male
1.0 MG/KG

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-------------|----------------|---|---|---|---|---|---|---|---|---|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
| | *TOTALS | | | | | | | | | |

Alimentary System

Liver + + + + + + + + + + 10

Cardiovascular System

Heart + + + + + + + + + + 10

Endocrine System

NONE

General Body System

NONE

Genital System

Prostate + + + + + + + + + + 10

Hematopoietic System

Bone Marrow + + + + + + + + + + 10

Lymph Node, Mandibular + + + + + + + + + + 10

Necrosis, Lymphoid 1 1 1 3 1.0

Lymph Node, Mesenteric + + + + + + + + + + 10

Necrosis, Lymphoid 1 1 1 1 2 1 7 1.1

Spleen + + + + + + + + + + 10

Necrosis, Lymphoid 1 1 1 1 4 1.0

Thymus + + + + + + + + + + 10

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 99024-06

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/17/2014

Test Type: 90-DAY

Test Compound: Androstenedione

Time Report Requested: 16:04:48

Route: GAVAGE

CAS Number: 63-05-8

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: SRI

| B6C3F1 Mouse Male 1.0 MG/KG | DAY ON TEST | | | | | | | | | | *TOTALS |
|--------------------------------|-------------|---|---|---|---|---|---|---|---|---|---------|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | |
| Necrosis, Lymphoid | | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 8 1.0 |
| Integumentary System | | | | | | | | | | | |
| Mammary Gland | M | M | M | M | M | M | M | M | M | M | 0 |
| Musculoskeletal System | | | | | | | | | | | |
| NONE | | | | | | | | | | | |
| Nervous System | | | | | | | | | | | |
| NONE | | | | | | | | | | | |
| Respiratory System | | | | | | | | | | | |
| NONE | | | | | | | | | | | |
| Special Senses System | | | | | | | | | | | |
| NONE | | | | | | | | | | | |
| Urinary System | | | | | | | | | | | |
| NONE | | | | | | | | | | | |

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 99024-06

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/17/2014

Time Report Requested: 16:04:48

First Dose M/F: NA / NA

Lab: SRI

| | | | | | | | | | | | | |
|--|-------------|----------------|---|---|---|---|---|---|---|---|---|--|
| B6C3F1 Mouse Male 5.0 MG/KG | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | |
| | | *TOTALS | | | | | | | | | | |

Alimentary System

Liver + + + + + + + + + + 10

Cardiovascular System

Heart + + + + + + + + + + 10

Endocrine System

NONE

General Body System

NONE

Genital System

Prostate + + + + + + + + + + 10

Infiltration Cellular, Lymphocyte, Focal 1 1 2 1.0

Hematopoietic System

Bone Marrow + + + + + + + + + + 10

Hyperplasia 2 1 1 1 4 1.3

Lymph Node, Mandibular + + + + + + + + + + 10

Necrosis, Lymphoid 1 1 1 3 1.0

Lymph Node, Mesenteric + + + I + + + + + + 9

Necrosis, Lymphoid 1 1 1 1 5 1.0

Spleen + + + + + + + + + + 10

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 99024-06

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/17/2014

Time Report Requested: 16:04:48

First Dose M/F: NA / NA

Lab: SRI

B6C3F1 Mouse Male
5.0 MG/KG

| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
|-------------|---|---|---|---|---|---|---|---|---|---|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |

*TOTALS

| | | | | | | | | | | | | | |
|-------------------------------|---|---|---|---|---|---|---|---|---|---|----|-----|-----|
| Necrosis, Lymphoid | | | | | | | | | | | 1 | 1 | 1.0 |
| Thymus | + | + | + | + | + | + | + | + | + | + | 10 | | |
| Necrosis, Lymphoid | | | 1 | 1 | 1 | | 1 | 1 | 1 | | 6 | 1.0 | |
| Integumentary System | | | | | | | | | | | | | |
| Mammary Gland | M | M | M | M | M | M | M | M | + | M | 1 | | |
| Musculoskeletal System | | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | | |
| Nervous System | | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | | |
| Respiratory System | | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | | |
| Special Senses System | | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | | |
| Urinary System | | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | | |

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:
1) Minimal 3) Moderate
2) Mild 4) Marked

Experiment Number: 99024-06

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/17/2014

Time Report Requested: 16:04:48

First Dose M/F: NA / NA

Lab: SRI

| | | | | | | | | | | | |
|---|-------------|---------|---|---|---|---|---|---|---|---|---|
| B6C3F1 Mouse Male 10.0 MG/KG | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
| | | *TOTALS | | | | | | | | | |

Alimentary System

Liver + + + + + + + + + + 10

Cardiovascular System

Heart + + + + + + + + + + 10

Endocrine System

NONE

General Body System

NONE

Genital System

Prostate + + + + + + + + + + 10

Infiltration Cellular, Lymphocyte, Focal 1 1 1.0

Hematopoietic System

Bone Marrow + + + + + + + + + + 10

Hyperplasia 1 1 1.0

Lymph Node, Mandibular + + + + + + + + + + 10

Lymph Node, Mesenteric + + + + + + + + + + 10

Necrosis, Lymphoid 1 1 1 1 1 1 1 1 8 1.0

Spleen + + + + + + + + + + 10

Necrosis, Lymphoid 1 1 1 1 1 5 1.0

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 99024-06

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/17/2014

Time Report Requested: 16:04:49

First Dose M/F: NA / NA

Lab: SRI

| B6C3F1 Mouse Male 10.0 MG/KG | DAY ON TEST | | | | | | | | | | | |
|---------------------------------|-------------|---|---|---|---|---|---|---|---|---|---------|-----|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | *TOTALS | |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | |
| Necrosis, Lymphoid, Focal | | | | 1 | | | | | | | 1 | 1.0 |
| Thymus | + | + | + | + | + | + | + | + | + | + | 10 | |
| Necrosis, Lymphoid | | | | 1 | | | 1 | 1 | 1 | 1 | 5 | 1.0 |
| Necrosis, Lymphoid, Focal | | | | | 1 | 1 | | | | | 2 | 1.0 |
| Integumentary System | | | | | | | | | | | | |
| Mammary Gland | M | M | M | M | M | M | M | M | M | M | 0 | |
| Musculoskeletal System | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | |
| Nervous System | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | |
| Respiratory System | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | |
| Special Senses System | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | |
| Urinary System | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | |

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 99024-06

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/17/2014

Time Report Requested: 16:04:49

First Dose M/F: NA / NA

Lab: SRI

| | | | | | | | | | | | | |
|---|-------------|---|---|---|---|---|---|---|---|---|---|---------|
| B6C3F1 Mouse Male 20.0 MG/KG | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | *TOTALS |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | | |

Alimentary System

Liver + + + + + + + + + + 10

Cardiovascular System

Heart + + + + + + + + + + 10

Endocrine System

NONE

General Body System

NONE

Genital System

Prostate + + + + + + + + + + 10

Hematopoietic System

Bone Marrow + + + + + + + + + + 10

Hyperplasia 2 1 2 1.5

Lymph Node, Mandibular + + + + + + + + + + 10

Necrosis, Lymphoid 1 1 1 4 1.0

Lymph Node, Mesenteric + + + + + + + + + + 10

Necrosis, Lymphoid 2 2 1 4 1.5

Spleen + + + + + + + + + + 10

Hyperplasia, Lymphoid 1 1 1.0

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 99024-06

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/17/2014

Time Report Requested: 16:04:49

First Dose M/F: NA / NA

Lab: SRI

| B6C3F1 Mouse Male 20.0 MG/KG | DAY ON TEST | | | | | | | | | | ANIMAL ID | *TOTALS |
|---------------------------------|-------------|---|---|---|---|---|---|---|---|---|-----------|---------|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 0 | |
| Necrosis, Lymphoid | | | | | | | | 1 | 1 | | 2 | 1.0 |
| Necrosis, Lymphoid, Focal | | | | | | | | | 1 | | 1 | 1.0 |
| Thymus | + | + | + | + | + | + | + | + | + | + | 10 | |
| Necrosis, Lymphoid | | | | | 1 | | 1 | 1 | | | 3 | 1.0 |
| Necrosis, Lymphoid, Focal | | | | 1 | | | | | | 1 | 2 | 1.0 |
| Integumentary System | | | | | | | | | | | | |
| Mammary Gland | M | M | M | M | M | M | M | M | M | M | 0 | |
| Musculoskeletal System | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | |
| Nervous System | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | |
| Respiratory System | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | |
| Special Senses System | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | |
| Urinary System | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | |

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 99024-06

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/17/2014

Time Report Requested: 16:04:49

First Dose M/F: NA / NA

Lab: SRI

| | | | | | | | | | | | | |
|---|-------------|---|---|---|---|---|---|---|---|---|---|---------|
| B6C3F1 Mouse Male 50.0 MG/KG | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | *TOTALS |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | | |
| | | | | | | | | | | | | |

Alimentary System

| | | | | | | | | | | | |
|---------------------------|---|---|---|---|---|---|---|---|---|---|-------|
| Esophagus | + | + | + | + | + | + | + | + | + | + | 10 |
| Gallbladder | + | + | + | + | + | + | + | M | + | + | 9 |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | 10 |
| Liver | + | + | + | + | + | + | + | + | + | + | 10 |
| Pancreas | + | + | + | + | + | + | + | + | + | + | 10 |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | 10 |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | 10 |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | 10 |
| Cyst | | | 1 | | | | 1 | | | | 2 1.0 |

Cardiovascular System

| | | | | | | | | | | | |
|-------|---|---|---|---|---|---|---|---|---|---|----|
| Heart | + | + | + | + | + | + | + | + | + | + | 10 |
|-------|---|---|---|---|---|---|---|---|---|---|----|

Endocrine System

| | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|-------|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | 10 |
| Accessory Adrenal Cortical Nodule | | | | | | | | 1 | | | 1 1.0 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | 10 |

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 99024-06

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/17/2014

Time Report Requested: 16:04:49

First Dose M/F: NA / NA

Lab: SRI

| B6C3F1 Mouse Male 50.0 MG/KG | DAY ON TEST | | | | | | | | | | | |
|---------------------------------|-------------|---|---|---|---|---|---|---|---|---|---------|-----|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | | |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | *TOTALS | |
| Parathyroid Gland | + | + | + | + | + | + | + | M | + | + | 9 | |
| Cyst | | | | 2 | | | | | | | 1 | 2.0 |
| Pituitary Gland | + | + | + | + | + | + | M | + | + | + | 9 | |
| Pars Distalis, Cyst | | | | | | | | | | 1 | 1 | 1.0 |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | 10 | |
| General Body System | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | |
| Genital System | | | | | | | | | | | | |
| Epididymis | + | + | + | + | + | + | + | + | + | + | 10 | |
| Preputial Gland | + | + | + | + | + | + | + | + | + | + | 10 | |
| Cyst | | | 2 | | | | | | | | 1 | 2.0 |
| Prostate | + | + | + | + | + | + | + | + | + | + | 10 | |
| Seminal Vesicle | + | + | + | + | + | + | + | + | + | + | 10 | |
| Testes | + | + | + | + | + | + | + | + | + | + | 10 | |
| Hematopoietic System | | | | | | | | | | | | |
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | 10 | |
| Hyperplasia | | | | | | 1 | 1 | 2 | 1 | 1 | 5 | 1.2 |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | 10 | |
| Necrosis, Lymphoid | | | | | | | 1 | 1 | 1 | 1 | 4 | 1.0 |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | 10 | |
| Necrosis, Lymphoid | | | | 1 | | 1 | 1 | 1 | | 1 | 5 | 1.0 |

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 99024-06

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/17/2014

Time Report Requested: 16:04:49

First Dose M/F: NA / NA

Lab: SRI

| B6C3F1 Mouse Male 50.0 MG/KG | DAY ON TEST | | | | | | | | | | | |
|---------------------------------|-------------|---|---|---|---|---|---|---|---|---|---------|-----|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | | |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | *TOTALS | |
| Spleen | + | + | + | + | + | + | + | + | + | + | 10 | |
| Hyperplasia, Lymphoid | | | | | | | | | 2 | 2 | 2 | 2.0 |
| Necrosis, Lymphoid | | | | | | 1 | 2 | 1 | 2 | 2 | 5 | 1.6 |
| Thymus | + | + | + | + | + | + | + | + | + | + | 10 | |
| Necrosis, Lymphoid | | | | | | 1 | 2 | 1 | 1 | 2 | 5 | 1.4 |
| Integumentary System | | | | | | | | | | | | |
| Mammary Gland | M | M | M | M | M | M | M | M | M | M | 0 | |
| Skin | + | + | + | + | + | + | + | + | + | + | 10 | |
| Musculoskeletal System | | | | | | | | | | | | |
| Bone | + | + | + | + | + | + | + | + | + | + | 10 | |
| Nervous System | | | | | | | | | | | | |
| Brain | + | + | + | + | + | + | + | + | + | + | 10 | |
| Respiratory System | | | | | | | | | | | | |
| Lung | + | + | + | + | + | + | + | + | + | + | 10 | |
| Nose | + | + | + | + | + | + | + | + | + | + | 10 | |
| Trachea | + | + | + | + | + | + | + | + | + | + | 10 | |
| Special Senses System | | | | | | | | | | | | |
| Eye | + | + | + | + | + | + | + | + | + | + | 10 | |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | 10 | |

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 99024-06

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/17/2014

Time Report Requested: 16:04:49

First Dose M/F: NA / NA

Lab: SRI

B6C3F1 Mouse Male
50.0 MG/KG

| | | | | | | | | | | | |
|-------------|---|---|---|---|---|---|---|---|---|---|---------|
| DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | *TOTALS |

Urinary System

| | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|-------|
| Kidney | + | + | + | + | + | + | + | + | + | + | 10 |
| Nephropathy | | | | | 1 | | | | | | 1 1.0 |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | 10 |

END OF MALE DATA

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 99024-06

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/17/2014

Test Type: 90-DAY

Test Compound: Androstenedione

Time Report Requested: 16:04:49

Route: GAVAGE

CAS Number: 63-05-8

First Dose M/F: NA / NA

Species/Strain: Mouse/B6C3F1

Lab: SRI

| | | | | | | | | | | | | |
|----------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---------|
| B6C3F1 Mouse Female 0.0 MG/KG | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | *TOTALS |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | | |
| | | | | | | | | | | | | |

Alimentary System

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|-------|
| Esophagus | + | + | + | + | + | + | M | + | + | + | 9 |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Small, Ileum | + | + | + | + | + | + | + | M | + | + | 9 |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | 10 |
| Liver | + | + | + | + | + | + | + | + | + | + | 10 |
| Hematopoietic Cell Proliferation, Focal | | | | | | 1 | 1 | 1 | | | 3 1.0 |
| Pancreas | + | + | + | + | + | + | + | + | + | + | 10 |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | 10 |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | 10 |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | 10 |
| Cyst | | | | | | 1 | | | | | 1 1.0 |

Cardiovascular System

| | | | | | | | | | | | |
|-------|---|---|---|---|---|---|---|---|---|---|----|
| Heart | + | + | + | + | + | + | + | + | + | + | 10 |
|-------|---|---|---|---|---|---|---|---|---|---|----|

Endocrine System

| | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|--------|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | 10 |
| X-Zone, Vacuolization Cytoplasmic | 1 | 1 | 2 | 2 | 1 | 2 | 2 | 1 | 2 | 2 | 10 1.6 |

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 99024-06

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/17/2014

Time Report Requested: 16:04:49

First Dose M/F: NA / NA

Lab: SRI

| B6C3F1 Mouse Female 0.0 MG/KG | DAY ON TEST | | | | | | | | | | *TOTALS |
|----------------------------------|-------------|---|---|---|---|---|---|---|---|---|---------|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | 10 |
| Parathyroid Gland | + | M | + | + | + | + | + | + | + | + | 9 |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | 10 |
| Thyroid Gland | + | I | + | + | + | + | + | + | + | + | 9 |
| General Body System | | | | | | | | | | | |
| NONE | | | | | | | | | | | |
| Genital System | | | | | | | | | | | |
| Clitoral Gland | + | + | + | + | + | M | + | + | + | + | 9 |
| Ovary | + | + | + | + | + | + | + | + | + | + | 10 |
| Uterus | + | + | + | + | + | + | + | + | + | + | 10 |
| Hematopoietic System | | | | | | | | | | | |
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | 10 |
| Hyperplasia | | | | | | 1 | | | 1 | | 2 1.0 |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | 10 |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | 10 |
| Necrosis, Lymphoid | | | | | | | | 1 | 1 | | 2 1.0 |
| Spleen | + | + | + | + | + | + | + | + | + | + | 10 |
| Hematopoietic Cell Proliferation | | | | | 2 | | | | | | 1 2.0 |
| Thymus | + | + | + | + | + | I | + | + | + | + | 9 |
| Necrosis, Lymphoid | | | | | | | 2 | | 2 | | 2 2.0 |
| Integumentary System | | | | | | | | | | | |

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 99024-06

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/17/2014

Time Report Requested: 16:04:49

First Dose M/F: NA / NA

Lab: SRI

| B6C3F1 Mouse Female 0.0 MG/KG | DAY ON TEST | | | | | | | | | | *TOTALS |
|----------------------------------|-------------|---|---|---|---|---|---|---|---|---|---------|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | |

Integumentary System

| | | | | | | | | | | | |
|---------------|---|---|---|---|---|---|---|---|---|---|----|
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | 10 |
| Skin | + | + | + | + | + | + | + | + | + | + | 10 |

Musculoskeletal System

| | | | | | | | | | | | |
|------|---|---|---|---|---|---|---|---|---|---|----|
| Bone | + | + | + | + | + | + | + | + | + | + | 10 |
|------|---|---|---|---|---|---|---|---|---|---|----|

Nervous System

| | | | | | | | | | | | |
|-------|---|---|---|---|---|---|---|---|---|---|----|
| Brain | + | + | + | + | + | + | + | + | + | + | 10 |
|-------|---|---|---|---|---|---|---|---|---|---|----|

Respiratory System

| | | | | | | | | | | | |
|-----------------------------|---|---|---|---|---|---|---|---|---|---|-------|
| Lung | + | + | + | + | + | + | + | + | + | + | 10 |
| Alveolus, Hemorrhage, Focal | | | | | | | | 1 | | | 1 1.0 |
| Nose | + | + | + | + | + | + | + | + | + | + | 10 |
| Trachea | + | + | + | + | + | + | + | + | + | + | 10 |

Special Senses System

| | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|----|
| Eye | + | + | + | + | + | + | + | + | + | + | 10 |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | 10 |

Urinary System

| | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|----|
| Kidney | + | + | + | + | + | + | + | + | + | + | 10 |
| Urinary Bladder | + | + | + | + | + | + | + | + | + | + | 10 |

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 99024-06

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/17/2014

Time Report Requested: 16:04:49

First Dose M/F: NA / NA

Lab: SRI

| B6C3F1 Mouse Female 1.0 MG/KG | DAY ON TEST | | | | | | | | | | *TOTALS |
|----------------------------------|-------------|---|---|---|---|---|---|---|---|---|---------|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | |

Alimentary System

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|----|-----|
| Liver | + | + | + | + | + | + | + | + | + | + | 10 | |
| Hematopoietic Cell Proliferation, Focal | | | | | | | | | | | 1 | 1.0 |

Cardiovascular System

| | | | | | | | | | | | | |
|-------|---|---|---|---|---|---|---|---|---|---|----|--|
| Heart | + | + | + | + | + | + | + | + | + | + | 10 | |
|-------|---|---|---|---|---|---|---|---|---|---|----|--|

Endocrine System

| | | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|----|-----|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | 10 | |
| X-Zone, Vacuolization Cytoplasmic | 2 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 1 | 2 | 10 | 1.7 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | 10 | |

General Body System

NONE

Genital System

| | | | | | | | | | | | | |
|-------|---|---|---|---|---|---|---|---|---|---|----|--|
| Ovary | + | + | + | + | + | + | + | + | + | + | 10 | |
|-------|---|---|---|---|---|---|---|---|---|---|----|--|

Hematopoietic System

| | | | | | | | | | | | | |
|------------------------|---|---|---|---|---|---|---|---|---|---|----|-----|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | 10 | |
| Hyperplasia | 1 | | | | | | | | | | 1 | 1.0 |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | 10 | |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | 10 | |
| Necrosis, Lymphoid | 2 | | | | | | 1 | 1 | 1 | 1 | 5 | 1.2 |

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 99024-06

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/17/2014

Time Report Requested: 16:04:49

First Dose M/F: NA / NA

Lab: SRI

| B6C3F1 Mouse Female 1.0 MG/KG | DAY ON TEST | | | | | | | | | | *TOTALS |
|----------------------------------|-------------|---|---|---|---|---|---|---|---|---|---------|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | |
| Spleen | + | + | + | + | + | + | + | + | + | + | 10 |
| Necrosis, Lymphoid | | | 1 | | | | | | | 1 | 2 1.0 |
| Thymus | + | + | + | + | + | + | + | + | + | + | 10 |
| Necrosis, Lymphoid | | | 1 | 1 | 1 | 1 | | | | | 5 1.0 |
| Integumentary System | | | | | | | | | | | |
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | 10 |
| Musculoskeletal System | | | | | | | | | | | |
| NONE | | | | | | | | | | | |
| Nervous System | | | | | | | | | | | |
| NONE | | | | | | | | | | | |
| Respiratory System | | | | | | | | | | | |
| NONE | | | | | | | | | | | |
| Special Senses System | | | | | | | | | | | |
| NONE | | | | | | | | | | | |
| Urinary System | | | | | | | | | | | |
| NONE | | | | | | | | | | | |

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 99024-06

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/17/2014

Time Report Requested: 16:04:49

First Dose M/F: NA / NA

Lab: SRI

| B6C3F1 Mouse Female 5.0 MG/KG | DAY ON TEST | | | | | | | | | | *TOTALS |
|----------------------------------|-------------|---|---|---|---|---|---|---|---|---|---------|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | |
| | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | |

Alimentary System

Liver + + + + + + + + + + 10

Cardiovascular System

Heart + + + + + + + + + + 10

Endocrine System

Adrenal Cortex + + + + + + + + + + 10

X-Zone, Atrophy 1 1 2 3 2 1 6 1.7

X-Zone, Vacuolization Cytoplasmic 2 1 2 2 2 1 1 1 1 10 1.4

Adrenal Medulla + + + + + + + + + + 10

General Body System

NONE

Genital System

Ovary + + + + + + + + + + 10

Hematopoietic System

Bone Marrow + + + + + + + + + + 10

Hyperplasia 1 1 1.0

Lymph Node, Mandibular + + + + + + + + + + 10

Lymph Node, Mesenteric + + + + + + + + + + 10

Necrosis, Lymphoid 1 1 1 2 1 1 6 1.2

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 99024-06

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/17/2014

Time Report Requested: 16:04:49

First Dose M/F: NA / NA

Lab: SRI

| B6C3F1 Mouse Female 5.0 MG/KG | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | *TOTALS |
|----------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---------|
| | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | |
| Spleen | | + | + | + | + | + | + | + | + | + | + | 10 |
| Thymus | | + | + | + | + | + | + | + | + | + | + | 10 |
| Necrosis, Lymphoid | | | | | | 1 | 1 | 1 | 2 | | | 4 1.3 |
| Integumentary System | | | | | | | | | | | | |
| Mammary Gland | | + | + | + | + | + | + | + | + | + | + | 10 |
| Musculoskeletal System | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | |
| Nervous System | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | |
| Respiratory System | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | |
| Special Senses System | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | |
| Urinary System | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | |

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 99024-06
 Test Type: 90-DAY
 Route: GAVAGE
 Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Androstenedione
 CAS Number: 63-05-8

Date Report Requested: 10/17/2014
 Time Report Requested: 16:04:49
 First Dose M/F: NA / NA
 Lab: SRI

| B6C3F1 Mouse Female 10.0 MG/KG | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | *TOTALS |
|-----------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---------|
| | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 8 | 9 | 9 | 9 | |
| | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | | |
| | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | | |

Alimentary System

Liver + + + + + + + + + + 10

Cardiovascular System

Heart + + + + + + + + + + 10

Endocrine System

Adrenal Cortex + + + + + + + + + + 10

X-Zone, Atrophy 1 2 2 2 3 1 2 2 1 9 1.8

X-Zone, Vacuolization Cytoplasmic 1 1 2 1 1 1 1 2 1 1 10 1.2

Adrenal Medulla + + + + + + + + + + 10

General Body System

NONE

Genital System

Ovary + + + I + + + + + + 9

Hematopoietic System

Bone Marrow + + + + + + + + + + 10

Lymph Node, Mandibular + + + + + + + + + + 10

Lymph Node, Mesenteric + + + + + + + + + + 10

Necrosis, Lymphoid 1 1 2 1 2 1 6 1.3

Spleen + + + + + + + + + + 10

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 99024-06

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/17/2014

Time Report Requested: 16:04:50

First Dose M/F: NA / NA

Lab: SRI

| B6C3F1 Mouse Female 10.0 MG/KG | DAY ON TEST | | | | | | | | | | | | |
|-----------------------------------|-------------|---|---|---|---|---|---|---|---|---|---------|-----|-----|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| | 9 | 9 | 9 | 9 | 9 | 9 | 8 | 9 | 9 | 9 | | | |
| | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | | | |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | | | |
| | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 0 | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | | | |
| | | | | | | | | | | | *TOTALS | | |
| Necrosis, Lymphoid | | | | | | | | | | | 1 | 1 | 1.0 |
| Thymus | + | + | + | + | + | + | + | + | + | + | 10 | | |
| Necrosis, Lymphoid | | 1 | | | 1 | 1 | | 1 | 1 | 1 | 6 | 1.0 | |
| Integumentary System | | | | | | | | | | | | | |
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | 10 | | |
| Musculoskeletal System | | | | | | | | | | | | | |
| Bone | | | | | | | | | | | + | 1 | |
| Femur, Fracture | | | | | | | | | | | 4 | 1 | 4.0 |
| Nervous System | | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | | |
| Respiratory System | | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | | |
| Special Senses System | | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | | |
| Urinary System | | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | | |

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 99024-06

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/17/2014

Time Report Requested: 16:04:50

First Dose M/F: NA / NA

Lab: SRI

| B6C3F1 Mouse Female 20.0 MG/KG | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | *TOTALS |
|-----------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---------|
| | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | |

Alimentary System

| | | | | | | | | | | | |
|-----------|---|---|---|---|---|---|---|---|---|---|-------|
| Liver | + | + | + | + | + | + | + | + | + | + | 10 |
| Necrosis | 2 | | | | | | | | | | 1 2.0 |
| Mesentery | + | | | | | | | | | | 1 |

Cardiovascular System

| | | | | | | | | | | | |
|-------|---|---|---|---|---|---|---|---|---|---|----|
| Heart | + | + | + | + | + | + | + | + | + | + | 10 |
|-------|---|---|---|---|---|---|---|---|---|---|----|

Endocrine System

| | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|--------|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | 10 |
| Accessory Adrenal Cortical Nodule | | | | | | | | X | | | 1 |
| X-Zone, Atrophy | 2 | 2 | 2 | 3 | 1 | 3 | 3 | 3 | 3 | 3 | 10 2.5 |
| X-Zone, Vacuolization Cytoplasmic | | | | | 1 | | | | | | 1 1.0 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | 10 |

General Body System

NONE

Genital System

| | | | | | | | | | | | |
|-------|---|---|---|---|---|---|---|---|---|---|----|
| Ovary | + | + | + | + | + | + | + | + | + | + | 10 |
|-------|---|---|---|---|---|---|---|---|---|---|----|

Hematopoietic System

| | | | | | | | | | | | |
|-------------|---|---|---|---|---|---|---|---|---|---|-------|
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | 10 |
| Hyperplasia | | | | | | | 1 | | | | 1 1.0 |

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 99024-06

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/17/2014

Time Report Requested: 16:04:50

First Dose M/F: NA / NA

Lab: SRI

| B6C3F1 Mouse Female 20.0 MG/KG | DAY ON TEST | | | | | | | | | | *TOTALS | | |
|--|-------------|---|---|---|---|---|---|---|---|---|---------|---|-----|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| Lymph Node, Mandibular Necrosis, Lymphoid | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 1 | 1.0 |
| Lymph Node, Mesenteric Necrosis, Lymphoid | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 6 | 1.3 |
| Spleen Necrosis, Lymphoid | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 3 | 1.0 |
| Thymus Necrosis, Lymphoid | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 4 | 1.0 |
| Integumentary System | | | | | | | | | | | | | |
| Mammary Gland | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | | |
| Musculoskeletal System | | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | | |
| Nervous System | | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | | |
| Respiratory System | | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | | |
| Special Senses System | | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | | |
| Urinary System | | | | | | | | | | | | | |

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 99024-06

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/17/2014

Time Report Requested: 16:04:50

First Dose M/F: NA / NA

Lab: SRI

| | | | | | | | | | | | | |
|---|-------------|---|---|---|---|---|---|---|---|---|---|---------|
| B6C3F1 Mouse Female 20.0 MG/KG | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | *TOTALS |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | | |

NONE

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
+ ..Tissue examined microscopically
X ..Lesion present
I ..Insufficient tissue

M ..Missing tissue
A ..Autolysis precludes evaluation
BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:
1) Minimal 3) Moderate
2) Mild 4) Marked

Experiment Number: 99024-06

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/17/2014

Time Report Requested: 16:04:50

First Dose M/F: NA / NA

Lab: SRI

| | | | | | | | | | | | | |
|-----------------------------------|-------------|---|---|---|---|---|---|---|---|---|---|---------|
| B6C3F1 Mouse Female 50.0 MG/KG | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | *TOTALS |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | | |
| | | | | | | | | | | | | |

Alimentary System

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|-------|
| Esophagus | + | + | + | + | + | + | + | + | + | + | 10 |
| Gallbladder | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Large, Cecum | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Large, Colon | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Large, Rectum | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Small, Duodenum | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Small, Ileum | + | + | + | + | + | + | + | + | + | + | 10 |
| Intestine Small, Jejunum | + | + | + | + | + | + | + | + | + | + | 10 |
| Liver | + | + | + | + | + | + | + | + | + | + | 10 |
| Hematopoietic Cell Proliferation, Focal | | | 1 | | 1 | | 1 | | | | 3 1.0 |
| Pancreas | + | + | + | + | + | + | + | + | + | + | 10 |
| Salivary Glands | + | + | + | + | + | + | + | + | + | + | 10 |
| Stomach, Forestomach | + | + | + | + | + | + | + | + | + | + | 10 |
| Stomach, Glandular | + | + | + | + | + | + | + | + | + | + | 10 |
| Cyst | | | 1 | 1 | | | | | | | 2 1.0 |

Cardiovascular System

| | | | | | | | | | | | |
|-------|---|---|---|---|---|---|---|---|---|---|----|
| Heart | + | + | + | + | + | + | + | + | + | + | 10 |
|-------|---|---|---|---|---|---|---|---|---|---|----|

Endocrine System

| | | | | | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|---|---|---|---|-------|
| Adrenal Cortex | + | + | + | + | + | + | + | + | + | + | 10 |
| Accessory Adrenal Cortical Nodule | | | | | 2 | | | | | | 1 2.0 |

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 99024-06

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/17/2014

Time Report Requested: 16:04:50

First Dose M/F: NA / NA

Lab: SRI

| B6C3F1 Mouse Female 50.0 MG/KG | DAY ON TEST | | | | | | | | | | | |
|-----------------------------------|-------------|---|---|---|---|---|---|---|---|---|---------|-----|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | *TOTALS | |
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| X-Zone, Atrophy | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 3 | 3 | 10 | 2.8 |
| Adrenal Medulla | + | + | + | + | + | + | + | + | + | + | 10 | |
| Parathyroid Gland | + | + | + | + | M | + | + | + | + | + | 9 | |
| Pituitary Gland | + | + | + | + | + | + | + | + | + | + | 10 | |
| Thyroid Gland | + | + | + | + | + | + | + | + | + | + | 10 | |
| Ectopic Thymus | | | | | 1 | | | | | | 1 | 1.0 |
| General Body System | | | | | | | | | | | | |
| NONE | | | | | | | | | | | | |
| Genital System | | | | | | | | | | | | |
| Clitoral Gland | + | + | + | + | + | + | + | + | + | + | 10 | |
| Ovary | + | + | + | + | + | + | + | + | + | + | 10 | |
| Uterus | + | + | + | + | + | + | + | + | + | + | 10 | |
| Hematopoietic System | | | | | | | | | | | | |
| Bone Marrow | + | + | + | + | + | + | + | + | + | + | 10 | |
| Lymph Node, Mandibular | + | + | + | + | + | + | + | + | + | + | 10 | |
| Hyperplasia, Lymphoid | | | 2 | | | | | | 2 | | 2 | 2.0 |
| Lymph Node, Mesenteric | + | + | + | + | + | + | + | + | + | + | 10 | |
| Necrosis, Lymphoid | | | | | | | | 1 | 1 | 2 | 3 | 1.3 |
| Spleen | + | + | + | + | + | + | + | + | + | + | 10 | |
| Hematopoietic Cell Proliferation | | | | | 2 | | | | | | 1 | 2.0 |
| Thymus | + | + | + | + | + | + | + | + | + | + | 10 | |

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 99024-06

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/17/2014

Time Report Requested: 16:04:50

First Dose M/F: NA / NA

Lab: SRI

| B6C3F1 Mouse Female 50.0 MG/KG | DAY ON TEST | | | | | | | | | | | |
|-----------------------------------|-------------|---|---|---|---|---|---|---|---|---|---------|-----|
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | *TOTALS | |
| Necrosis, Lymphoid | | | | | | | | 2 | 2 | 2 | 3 | 2.0 |
| Integumentary System | | | | | | | | | | | | |
| Mammary Gland | + | + | + | + | + | + | + | + | + | + | 10 | |
| Skin | + | + | + | + | + | + | + | + | + | + | 10 | |
| Musculoskeletal System | | | | | | | | | | | | |
| Bone | + | + | + | + | + | + | + | + | + | + | 10 | |
| Nervous System | | | | | | | | | | | | |
| Brain | + | + | + | + | + | + | + | + | + | + | 10 | |
| Respiratory System | | | | | | | | | | | | |
| Lung | + | + | + | + | + | + | + | + | + | + | 10 | |
| Alveolus, Hemorrhage, Focal | 1 | | | | 1 | | | | | | 2 | 1.0 |
| Nose | + | + | + | + | + | + | + | + | + | + | 10 | |
| Trachea | + | + | + | + | + | + | + | + | + | + | 10 | |
| Special Senses System | | | | | | | | | | | | |
| Eye | + | + | + | + | + | + | + | + | + | + | 10 | |
| Harderian Gland | + | + | + | + | + | + | + | + | + | + | 10 | |
| Urinary System | | | | | | | | | | | | |
| Kidney | + | + | + | + | + | + | + | + | + | + | 10 | |
| Nephropathy | | | | | | | 1 | | | | 1 | 1.0 |

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 99024-06

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Mouse/B6C3F1

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Androstenedione

CAS Number: 63-05-8

Date Report Requested: 10/17/2014

Time Report Requested: 16:04:50

First Dose M/F: NA / NA

Lab: SRI

| | | | | | | | | | | | | |
|-----------------------------------|-------------|---|---|---|---|---|---|---|---|---|---------|--|
| B6C3F1 Mouse Female 50.0 MG/KG | DAY ON TEST | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | *TOTALS | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | | |
| | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | |
| | ANIMAL ID | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | | |
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | |
| Urinary Bladder | | + | + | + | + | + | + | + | + | + | 10 | |

** END OF REPORT **

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked