

**Experiment Number:** 88032-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Rat/F 344/N

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
**Test Compound:** Oxymetholone  
**CAS Number:** 434-07-1

**Date Report Requested:** 10/19/2014  
**Time Report Requested:** 04:58:57  
**First Dose M/F:** NA / NA  
**Lab:** BAT

<b>C Number:</b>	C88032B
<b>Lock Date:</b>	02/03/1993
<b>Cage Range:</b>	All
<b>Date Range:</b>	All
<b>Reasons For Removal:</b>	All
<b>Removal Date Range:</b>	All
<b>Treatment Groups:</b>	All
<b>Study Gender:</b>	Both
<b>PWG Approval Date</b>	NONE

Experiment Number: 88032-03

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Time Report Requested: 04:58:57

Route: GAVAGE

CAS Number: 434-07-1

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: BAT

F 344/N Rat Male  
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
	0	0	0	0	0	0	0	0	0	1
	1	2	3	4	5	6	7	8	9	0
	*TOTALS									

Alimentary System

Esophagus	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Cecum	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Colon	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	10
Parasite Metazoan				1							1 1.0
Intestine Small, Duodenum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Ileum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Jejunum	+	+	+	+	+	+	+	+	+	+	10
Liver	+	+	+	+	+	+	+	+	+	+	10
Hematopoietic Cell Proliferation					2						1 2.0
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10

Cardiovascular System

Blood Vessel	+	+	+	+	+	+	+	+	+	+	10
Heart	+	+	+	+	+	+	+	+	+	+	10
Myocardium, Degeneration, Chronic	2	2	1	1	1	2	1	1	1	1	10 1.3

Endocrine System

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10
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+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

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BLANK ..Not examined microscopically

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1) Minimal 3) Moderate

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CAS Number: 434-07-1

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Lab: BAT

F 344/N Rat Male  
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
	0	0	0	0	0	0	0	0	0	1
	1	2	3	4	5	6	7	8	9	0

\*TOTALS

Hypertrophy, Focal	2										1	2.0
Vacuolization Cytoplasmic	1	1	1		1	1	1	1	1	1	9	1.0
Adrenal Medulla	+	+	+	+	+	+	+	+	+	+	10	
Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	10	
Parathyroid Gland	+	M	+	+	M	+	+	+	+	+	8	
Pituitary Gland	+	+	+	+	+	+	+	+	+	+	10	
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10	

General Body System

NONE

Genital System

Epididymis	+	+	+	+	+	+	+	+	+	+	10	
Preputial Gland	M	+	+	+	+	+	+	+	+	+	9	
Prostate	+	+	+	+	+	+	+	+	+	+	10	
Inflammation, Chronic	2										1	2.0
Seminal Vesicle	+	+	+	+	+	+	+	+	+	+	10	
Testes	+	+	+	+	+	+	+	+	+	+	10	

Hematopoietic System

Bone Marrow	+	+	+	+	+	+	+	+	+	+	10	
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	10	
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10	
Spleen	+	+	+	+	+	+	+	+	+	+	10	

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Lab: BAT

F 344/N Rat Male  
0 MG/KG

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	*TOTALS
	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	9	9	9	9	9	9	9	9	9	9	
	3	3	3	3	3	3	3	3	3	3	
Thymus	0	0	0	0	0	0	0	0	0	0	10
<b>Integumentary System</b>											
Mammary Gland	+	+	+	+	+	+	+	M	+	+	9
Skin	+	+	+	+	+	+	+	+	+	+	10
<b>Musculoskeletal System</b>											
Bone	+	+	+	+	+	+	+	+	+	+	10
<b>Nervous System</b>											
Brain	+	+	+	+	+	+	+	+	+	+	10
<b>Respiratory System</b>											
Lung	+	+	+	+	+	+	+	+	+	+	10
Alveolus, Inflammation, Chronic Active					2						1 2.0
Nose	+	+	+	+	+	+	+	+	+	+	10
Turbinate, Inflammation, Chronic Active	1	2		1	2	2	1	1		1	8 1.4
Trachea	+	+	+	+	+	+	+	+	+	+	10
<b>Special Senses System</b>											
NONE											
<b>Urinary System</b>											
Kidney	+	+	+	+	+	+	+	+	+	+	10
Cortex, Hyperplasia, Tubular					3						1 3.0

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Lab: BAT

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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	
	0	0	0	0	0	0	0	0	0	1	
	1	2	3	4	5	6	7	8	9	0	<b>*TOTALS</b>
Nephropathy	2	1	1	1	1	1	1	2	1	1	10 1.2
Urinary Bladder	+	+	+	+	+	+	+	+	+	+	10

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CAS Number: 434-07-1

Date Report Requested: 10/19/2014

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First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat Male  
80 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

NONE

Cardiovascular System

Heart	+	+	+	+	+	+	+	+	+	+	10
Myocardium, Degeneration, Chronic	2		1	1		2	2	2	2	1	8 1.6

Endocrine System

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10
Vacuolization Cytoplasmic	1			1	1		1	1		1	6 1.0

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

Mammary Gland	+	+	+	+	+	+	+	M	+	+	9
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Musculoskeletal System

NONE

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F 344/N Rat Male  
80 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									

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

Kidney	+	+	+	+	+	+	+	+	+	+	10	
Regeneration, Diffuse	1	1	1	1	1	1	1	1	2	1	10	1.1
Renal Tubule, Mineralization, Diffuse								1			1	1.0

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Date Report Requested: 10/19/2014

Time Report Requested: 04:58:57

First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat Male  
160 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									

Alimentary System

NONE

Cardiovascular System

Heart	+	+	+	+	+	+	+	+	+	+	10	
Myocardium, Degeneration, Chronic	2	1	2	1	1	2	2	1	1	1	10	1.4

Endocrine System

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10	
Vacuolization Cytoplasmic	1	1	1	1	1	1	1	1	1	1	10	1.0

General Body System

NONE

Genital System

NONE

Hematopoietic System

NONE

Integumentary System

Mammary Gland	+	M	+	M	+	+	M	+	+	+	7	
Dilatation	1		1		2	1		2	2	2	7	1.6

Musculoskeletal System

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Time Report Requested: 04:58:57

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CAS Number: 434-07-1

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: BAT

F 344/N Rat Male  
160 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	3	3
	1	2	3	4	5	6	7	8	9	0
	*TOTALS									

NONE  
Nervous System

NONE  
Respiratory System

NONE  
Special Senses System

NONE  
Urinary System

Kidney	+	+	+	+	+	+	+	+	+	+	10	
Regeneration, Diffuse	1	1	1	1	1	1	2	1	1	1	10	1.1
Renal Tubule, Mineralization, Diffuse	1	1	1	1	2	1	2	1	1	2	10	1.3

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Lab: BAT

F 344/N Rat Male  
315 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	3	4	
	1	2	3	4	5	6	7	8	9	0	*TOTALS

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

Kidney	+	+	+	+	+	+	+	+	+	+	10
Regeneration, Diffuse	2	1	1	2	2	2	2	2	2	3	10 1.9
Renal Tubule, Mineralization, Diffuse	2	1	1	2	2	4	1	2	3	2	10 2.0

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Test Compound: Oxymetholone

Time Report Requested: 04:58:58

Route: GAVAGE

CAS Number: 434-07-1

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: BAT

F 344/N Rat Male  
625 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
	4	4	4	4	4	4	4	4	4	5	0
	1	2	3	4	5	6	7	8	9	0	

\*TOTALS

Adrenal Medulla												1
Islets, Pancreatic												1
Parathyroid Gland												1
Pituitary Gland												1
Thyroid Gland												1
<b>General Body System</b>												
NONE												
<b>Genital System</b>												
Epididymis												1
Preputial Gland												1
Prostate												1
Seminal Vesicle												1
Testes												1
<b>Hematopoietic System</b>												
Bone Marrow												1
Lymph Node, Mandibular												0
Lymph Node, Mesenteric												1
Spleen												1
Lymph Follic, Depletion Cellular											1	3.0
Thymus												1
<b>Integumentary System</b>												

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Lab: BAT

F 344/N Rat Male  
625 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
	4	4	4	4	4	4	4	4	4	5
	1	2	3	4	5	6	7	8	9	0
	*TOTALS									

**Integumentary System**

Mammary Gland	+	+	+	+	+	+	+	+	+	+	10	
Dilatation	3	3	3	3	2	2	2	2	2	2	10	2.4
Skin			+								1	

**Musculoskeletal System**

Bone			+								1
------	--	--	---	--	--	--	--	--	--	--	---

**Nervous System**

Brain			+								1
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**Respiratory System**

Lung			+								1
Alveolus, Foreign Body			X								1
Nose			+								1
Trachea			+								1

**Special Senses System**

NONE

**Urinary System**

Kidney	+	+	+	+	+	+	+	+	+	+	10	
Regeneration, Diffuse	2	2	2	2	2	2	2	3	3	2	10	2.2
Renal Tubule, Mineralization, Diffuse	3	2	2	2	3	2	3	3	3	2	10	2.5

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First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat Male  
625 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	
	4	4	4	4	4	4	4	4	4	5	
	1	2	3	4	5	6	7	8	9	0	*TOTALS

Urinary Bladder

+

1

\* ..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: 88032-03

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/19/2014

Test Type: 90-DAY

Test Compound: Oxymetholone

Time Report Requested: 04:58:58

Route: GAVAGE

CAS Number: 434-07-1

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: BAT

F 344/N Rat Male  
1250 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	6	9	9	9	9	9	9	9	9
	3	2	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									

Alimentary System

Esophagus	+	+	+	+	+	+	+	+	+	+	10
Intestine Large, Cecum	+	M	+	+	+	+	+	+	+	+	9
Intestine Large, Colon	+	M	+	+	+	+	+	+	+	+	9
Intestine Large, Rectum	+	+	+	+	+	+	+	+	+	+	10
Intestine Small, Duodenum	+	M	+	+	+	+	+	+	+	+	9
Intestine Small, Ileum	+	M	+	+	+	+	+	+	+	+	9
Intestine Small, Jejunum	+	M	+	+	+	+	+	+	+	+	9
Liver	+	M	+	+	+	+	+	+	+	+	9
Hepatodiaphragmatic Nodule									X		1
Pancreas	+	M	+	+	+	+	+	+	+	+	9
Salivary Glands	+	+	+	+	+	+	+	M	+	+	9
Stomach, Forestomach	+	M	+	+	+	+	+	+	+	+	9
Stomach, Glandular	+	M	+	+	+	+	+	+	+	+	9

Cardiovascular System

Blood Vessel	+	M	+	+	+	+	+	+	+	+	9
Heart	+	M	+	+	+	+	+	+	+	+	9
Myocardium, Degeneration, Chronic	2		2	1	2	1	2	2	2	2	9 1.8

Endocrine System

Adrenal Cortex	+	M	+	+	+	+	+	+	+	+	9
Vacuolization Cytoplasmic	4		4	3	3	2	3	3	3	2	9 3.0

\* ..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: 88032-03

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/19/2014

Test Type: 90-DAY

Test Compound: Oxymetholone

Time Report Requested: 04:58:58

Route: GAVAGE

CAS Number: 434-07-1

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: BAT

F 344/N Rat Male  
1250 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	6	9	9	9	9	9	9	9	9
	3	2	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

Adrenal Medulla	+	M	+	+	+	+	+	+	+	+	9
Islets, Pancreatic	+	M	+	+	+	+	+	+	+	+	9
Parathyroid Gland	+	M	+	+	+	+	+	M	+	+	8
Pituitary Gland	+	+	+	+	+	+	+	I	+	+	9
Craniophar Dct, Cyst				2							1 2.0
Thyroid Gland	+	A	+	+	+	+	+	+	+	+	9

General Body System

NONE

Genital System

Epididymis	+	+	+	+	+	+	+	+	+	+	10
Preputial Gland	+	+	+	M	+	+	+	+	+	+	9
Prostate	+	M	+	+	+	+	+	+	+	+	9
Seminal Vesicle	+	M	+	+	+	+	+	+	+	+	9
Testes	+	+	+	+	+	+	+	+	+	+	10

Hematopoietic System

Bone Marrow	+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Mandibular	+	+	+	+	+	+	M	M	+	+	8
Lymph Node, Mesenteric	+	M	+	+	+	+	+	+	+	+	9
Spleen	+	M	+	+	+	+	+	+	+	+	9
Thymus	+	M	+	+	+	+	+	+	+	+	9

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: 88032-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Oxymetholone

CAS Number: 434-07-1

Date Report Requested: 10/19/2014

Time Report Requested: 04:58:58

First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat Male  
1250 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	6	9	9	9	9	9	9	9	9
	3	2	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									

**Integumentary System**

Mammary Gland	+	M	+	+	+	+	+	M	+	+	8	
Dilatation	3		3	3	3	3	2		3	3	8	2.9
Skin	+	+	+	+	+	+	+	+	+	+	10	

**Musculoskeletal System**

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

**Nervous System**

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

**Respiratory System**

Lung	+	M	+	+	+	+	+	+	+	+	9
Nose	+	+	+	+	+	+	+	+	+	+	10
Trachea	+	+	+	+	+	+	+	+	+	+	10

**Special Senses System**

NONE

**Urinary System**

Kidney	+	M	+	+	+	+	+	+	+	+	9	
Regeneration, Diffuse	4		2	3	4	2	4	4	3	3	9	3.2
Renal Tubule, Mineralization, Diffuse	3		2	3	3	4	3	2	3	3	9	2.9
Urinary Bladder	+	M	+	+	+	+	+	+	+	+	9	

\* ..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

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BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

**Experiment Number:** 88032-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Rat/F 344/N

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**

**Test Compound:** Oxymetholone

**CAS Number:** 434-07-1

**Date Report Requested:** 10/19/2014

**Time Report Requested:** 04:58:58

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

**Lab:** BAT

\*\*\*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: 88032-03

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/19/2014

Test Type: 90-DAY

Test Compound: Oxymetholone

Time Report Requested: 04:58:58

Route: GAVAGE

CAS Number: 434-07-1

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: BAT

F 344/N Rat Female  
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
	6	6	6	6	6	6	6	6	6	7
	1	2	3	4	5	6	7	8	9	0
	*TOTALS									

Alimentary System

Esophagus	+	+	+	+	+	+	+	+	+	+	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
Hepatodiaphragmatic Nodule										X	1
Inflammation, Chronic Active, Diffuse						1					1 1.0
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Atrophy				1							1 1.0
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10

Cardiovascular System

Blood Vessel	+	+	+	+	+	+	+	+	+	+	10
Heart	+	+	+	+	+	+	+	+	+	+	10
Myocardium, Degeneration, Chronic			1	1	1						3 1.0

Endocrine 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: 88032-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Oxymetholone

CAS Number: 434-07-1

Date Report Requested: 10/19/2014

Time Report Requested: 04:58:58

First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat Female  
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	
Adrenal Cortex	0	0	0	0	0	0	0	0	0	0	10
Adrenal Medulla	0	0	0	0	0	0	0	0	0	0	10
Islets, Pancreatic	0	0	0	0	0	0	0	0	0	0	10
Parathyroid Gland	0	0	0	0	0	0	0	0	0	0	9
Pituitary Gland	0	0	0	0	0	0	0	0	0	0	10
Thyroid Gland	0	0	0	0	0	0	0	0	0	0	10
<b>General Body System</b>											
NONE											
<b>Genital System</b>											
Clitoral Gland	0	0	0	0	0	0	0	0	0	0	8
Ovary	0	0	0	0	0	0	0	0	0	0	10
Uterus	0	0	0	0	0	0	0	0	0	0	10
Hydrometra	0	0	0	0	0	0	0	0	0	0	1 2.0
<b>Hematopoietic System</b>											
Bone Marrow	0	0	0	0	0	0	0	0	0	0	10
Lymph Node, Mandibular	0	0	0	0	0	0	0	0	0	0	10
Lymph Node, Mesenteric	0	0	0	0	0	0	0	0	0	0	10
Spleen	0	0	0	0	0	0	0	0	0	0	10
Thymus	0	0	0	0	0	0	0	0	0	0	10
<b>Integumentary System</b>											
Mammary Gland	0	0	0	0	0	0	0	0	0	0	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: 88032-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Oxymetholone

CAS Number: 434-07-1

Date Report Requested: 10/19/2014

Time Report Requested: 04:58:58

First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat Female  
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			
	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			
											<b>*TOTALS</b>		
Mammary Gland	+	+	+	+	+	+	+	+	+	+	10		
Skin	+	+	+	+	+	+	+	+	+	+	10		
<b>Musculoskeletal System</b>													
Bone	+	+	+	+	+	+	+	+	+	+	10		
<b>Nervous System</b>													
Brain	+	+	+	+	+	+	+	+	+	+	10		
<b>Respiratory System</b>													
Lung	+	+	+	+	+	+	+	+	+	+	10		
Alveolus, Inflammation, Chronic Active			1	1							2	1.0	
Nose	+	+	+	+	+	+	+	+	+	+	10		
Turbinate, Inflammation, Chronic Active				1	1		1	1		1	5	1.0	
Trachea	+	+	+	+	+	+	+	+	+	+	10		
<b>Special Senses System</b>													
NONE													
<b>Urinary System</b>													
Kidney	+	+	+	+	+	+	+	+	+	+	10		
Cortex, Hyperplasia, Tubular			2								1	2.0	
Nephropathy			1						1	1	3	1.0	
Renal Tubule, Mineralization, Diffuse	1	1	1	1	1	1	2	2	1	1	10	1.2	
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: 88032-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Oxymetholone

CAS Number: 434-07-1

Date Report Requested: 10/19/2014

Time Report Requested: 04:58:58

First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat Female  
80 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
	7	7	7	7	7	7	7	7	7	8
	1	2	3	4	5	6	7	8	9	0
	*TOTALS									

**Alimentary System**

Liver	+										+	2
Hepatodiaphragmatic Nodule	X										X	2

**Cardiovascular System**

Heart	+	+	+	+	+	+	+	+	+	+	10
Myocardium, Degeneration, Chronic		1	1	1	1			1		1	6 1.0

**Endocrine System**

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10
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**General Body System**

NONE

**Genital System**

Ovary	+	+	+	+	+	+	+	+	+	+	10
Atrophy	1	1	1	1	1	1	1	1	1	1	10 1.0
Uterus	+	+	+	+	+	+	+	+	+	+	10
Hydrometra	1		1								2 1.0

**Hematopoietic System**

NONE

**Integumentary System**

Mammary Gland	+	+	+	+	I	+	+	+	+	M	8
---------------	---	---	---	---	---	---	---	---	---	---	---

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

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

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2) Mild 4) Marked

Experiment Number: 88032-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Oxymetholone

CAS Number: 434-07-1

Date Report Requested: 10/19/2014

Time Report Requested: 04:58:58

First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat Female  
80 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		
	7	7	7	7	7	7	7	7	7	8		
	1	2	3	4	5	6	7	8	9	0	*TOTALS	

Hyperplasia	1	1	2					2	2		5	1.6
<b>Musculoskeletal System</b>												
NONE												
<b>Nervous System</b>												
NONE												
<b>Respiratory System</b>												
NONE												
<b>Special Senses System</b>												
NONE												
<b>Urinary System</b>												
Kidney	+	+	+	+	+	+	+	+	+	+	10	
Regeneration, Diffuse							1				1	1.0
Renal Tubule, Mineralization, Diffuse	1	1	1	1	1	1	1	1	1	1	10	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

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1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked



Experiment Number: 88032-03

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/19/2014

Test Type: 90-DAY

Test Compound: Oxymetholone

Time Report Requested: 04:58:58

Route: GAVAGE

CAS Number: 434-07-1

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: BAT

F 344/N Rat Female  
160 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	
	8	8	8	8	8	8	8	8	8	9	
	1	2	3	4	5	6	7	8	9	0	*TOTALS

Alimentary System

NONE

Cardiovascular System

Heart	+	+	+	+	+	+	+	+	+	+	10
Myocardium, Degeneration, Chronic	1	1	1	1		1	1	1			7 1.0

Endocrine System

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

General Body System

NONE

Genital System

Ovary	+	+	+	+	+	+	+	+	+	+	10
Atrophy	2	2	2	2	2	2	2	2	2	2	10 2.0
Periovarn Tiss, Cyst				3							1 3.0
Uterus	+	+	+	+	+	+	+	+	+	+	10
Hydrometra	3	2	2		2	1	1	2	1	2	9 1.8

Hematopoietic System

NONE

Integumentary System

Mammary Gland	+	I	+	M	+	+	+	+	+	+	8
---------------	---	---	---	---	---	---	---	---	---	---	---

\* ..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: 88032-03

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Date Report Requested: 10/19/2014

Test Type: 90-DAY

Test Compound: Oxymetholone

Time Report Requested: 04:58:58

Route: GAVAGE

CAS Number: 434-07-1

First Dose M/F: NA / NA

Species/Strain: Rat/F 344/N

Lab: BAT

F 344/N Rat Female  
160 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		
	8	8	8	8	8	8	8	8	8	8		
	1	2	3	4	5	6	7	8	8	9		
	*TOTALS										8	1.6

Hyperplasia

Musculoskeletal System

NONE

Nervous System

NONE

Respiratory System

NONE

Special Senses System

NONE

Urinary System

Kidney

Regeneration, Diffuse

Renal Tubule, Mineralization, Diffuse

\* ..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: 88032-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Oxymetholone

CAS Number: 434-07-1

Date Report Requested: 10/19/2014

Time Report Requested: 04:58:58

First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat Female  
315 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	1	
	9	9	9	9	9	9	9	9	9	0	
	1	2	3	4	5	6	7	8	9	0	*TOTALS

Alimentary System

Liver											+	1
Hepatodiaphragmatic Nodule											X	1

Cardiovascular System

Heart											+	+	+	+	+	+	+	+	+	+	10	
Myocardium, Degeneration, Chronic											2		2	1	1	1	2	2	2	2	9	1.7

Endocrine System

Adrenal Cortex											+	+	+	+	+	+	+	+	+	+	10	
Vacuolization Cytoplasmic											1	1		1	1		1	1	2	1	8	1.1

General Body System

NONE

Genital System

Ovary											+	+	+	+	+	+	+	+	+	+	10	
Atrophy											2	2	2	2	2	2	2	2	3	1	10	2.0
Periovarn Tiss, Cyst																	2				1	2.0
Uterus											+	+	+	+	+	+	+	+	+	+	10	
Hydrometra											3	3	3	3	3	3	3	3	3	3	10	3.0

Hematopoietic 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: 88032-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Oxymetholone

CAS Number: 434-07-1

Date Report Requested: 10/19/2014

Time Report Requested: 04:58:59

First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat Female  
315 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	1
	9	9	9	9	9	9	9	9	9	0
	1	2	3	4	5	6	7	8	9	0
	*TOTALS									

**Integumentary System**

Mammary Gland	+	+	+	+	+	+	M	+	+	+	9
Hyperplasia	2	2	2	2	2	1		2	1	2	9 1.8

**Musculoskeletal System**

NONE

**Nervous System**

NONE

**Respiratory System**

NONE

**Special Senses System**

NONE

**Urinary System**

Kidney	+	+	+	+	+	+	+	+	+	+	10
Regeneration, Diffuse	1	1	1	1	1	1	1		1	1	9 1.0
Renal Tubule, Mineralization, Diffuse	1	1	2	1	2	2	1	1	1	3	10 1.5

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

+ ..Tissue examined microscopically

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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: 88032-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Oxymetholone

CAS Number: 434-07-1

Date Report Requested: 10/19/2014

Time Report Requested: 04:58:59

First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat Female  
625 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	
	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	*TOTALS

Alimentary System

NONE

Cardiovascular System

Heart	+	+	+	+	+	+	+	+	+	+	10	
Myocardium, Degeneration, Chronic	1	2	2	1	2		1	1	2	1	9	1.4

Endocrine System

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10	
Vacuolization Cytoplasmic	2	2	2	2	2	2	2	2	3	2	10	2.1

General Body System

NONE

Genital System

Ovary	+	+	+	+	+	+	+	+	+	+	10	
Atrophy	3	4	4	3	3	3	4	3	4	4	10	3.5
Periovarn Tiss, Cyst							3				1	3.0
Uterus	+	+	+	+	+	+	+	+	+	+	10	
Hydrometra	2	3	3	3	3	3	3	3	3	3	10	2.9

Hematopoietic System

NONE

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

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1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 88032-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Oxymetholone

CAS Number: 434-07-1

Date Report Requested: 10/19/2014

Time Report Requested: 04:58:59

First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat Female  
625 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	
	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	<b>*TOTALS</b>

Mammary Gland	M	I	+	+	+	+	+	+	+	+	8	
Hyperplasia			2	1	2	2	2	2	1	2	8	1.8

**Musculoskeletal System**

NONE

**Nervous System**

NONE

**Respiratory System**

NONE

**Special Senses System**

NONE

**Urinary System**

Kidney	+	+	+	+	+	+	+	+	+	+	10	
Regeneration, Diffuse	1	1	1	1	1	1	1	1	1	1	9	1.0
Renal Tubule, Mineralization, Diffuse	1	2	1	1	2	1	1	2	1	1	10	1.3

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

+ ..Tissue examined microscopically

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1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 88032-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Oxymetholone

CAS Number: 434-07-1

Date Report Requested: 10/19/2014

Time Report Requested: 04:58:59

First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat Female  
1250 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	0
	3	3	3	3	3	3	3	3	3	3	2
ANIMAL ID	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	1	1
	1	1	1	1	1	1	1	1	1	1	2
	1	2	3	4	5	6	7	8	9	9	0
	*TOTALS										

Alimentary System

Esophagus	+	+	+	+	+	+	+	+	+	+	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
Pancreas	+	+	+	+	+	+	+	+	+	+	10
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10

Cardiovascular System

Blood Vessel	+	+	+	+	+	+	+	+	+	+	10
Heart	+	+	+	+	+	+	+	+	+	+	10
Myocardium, Degeneration, Chronic	2	2	2	1	2	1	2	2	1		9 1.7

Endocrine System

Adrenal Cortex	+	+	+	+	+	+	+	+	+	+	10
Vacuolization Cytoplasmic	2	2	2	2	2	3	2	2	2		9 2.1
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: 88032-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Oxymetholone

CAS Number: 434-07-1

Date Report Requested: 10/19/2014

Time Report Requested: 04:58:59

First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat Female  
1250 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	0
	3	3	3	3	3	3	3	3	3	2
ANIMAL ID	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
	1	1	1	1	1	1	1	1	1	2
	1	2	3	4	5	6	7	8	9	0

\*TOTALS

Islets, Pancreatic	+	+	+	+	+	+	+	+	+	+	10
Parathyroid Gland	+	M	+	+	+	M	M	+	+	M	6
Pituitary Gland	+	I	+	+	+	+	M	+	+	+	8
Thyroid Gland	+	+	+	+	+	+	+	+	+	+	10

General Body System

NONE

Genital System

Clitoral Gland	+	+	+	+	+	+	+	+	+	+	10
Ovary	+	+	+	+	+	+	+	+	+	+	10
Atrophy	4	4	4	4	4	4	4	4	4		9 4.0
Uterus	+	+	+	+	+	+	+	+	+	+	10
Cervix, Hydrometra						3					1 3.0
Hydrometra	3	3	2	3	3	3	3	3	3		9 2.9

Hematopoietic System

Bone Marrow	+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	+	10
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	10
Spleen	+	+	+	+	+	+	+	+	+	+	10
Thymus	+	+	+	+	+	+	+	+	+	+	10

Integumentary System

Mammary 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: 88032-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Oxymetholone

CAS Number: 434-07-1

Date Report Requested: 10/19/2014

Time Report Requested: 04:58:59

First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat Female  
1250 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	0			
	3	3	3	3	3	3	3	3	3	2			
ANIMAL ID	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			
	1	1	1	1	1	1	1	1	1	2			
	1	2	3	4	5	6	7	8	9	0	<b>*TOTALS</b>		
Mammary Gland	+	+	+	+	+	+	+	+	+	+	10		
Hyperplasia	2	2	2	2	2	2	2	2	2		9	2.0	
Skin	+	+	+	+	+	+	+	+	+	+	10		
<b>Musculoskeletal System</b>													
Bone	+	+	+	+	+	+	+	+	+	+	10		
<b>Nervous System</b>													
Brain	+	+	+	+	+	+	+	+	+	+	10		
<b>Respiratory System</b>													
Lung	+	+	+	+	+	+	+	+	+	+	10		
Alveolus, Foreign Body										X	1		
Alveolus, Inflammation, Chronic Active										2	1	2.0	
Nose	+	+	+	+	+	+	+	+	+	+	10		
Turbinate, Inflammation, Chronic Active				2							1	2.0	
Trachea	+	+	+	+	+	+	+	+	+	+	10		
<b>Special Senses System</b>													
NONE													
<b>Urinary System</b>													
Kidney	+	+	+	+	+	+	+	+	+	+	10		
Regeneration, Diffuse	1	1	1	1	1	2	1	1	1	1	10	1.1	
Renal Tubule, Mineralization, Diffuse	1	1		2	1	1	2	1	1	2	9	1.3	

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

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

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1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 88032-03

Test Type: 90-DAY

Route: GAVAGE

Species/Strain: Rat/F 344/N

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL

Test Compound: Oxymetholone

CAS Number: 434-07-1

Date Report Requested: 10/19/2014

Time Report Requested: 04:58:59

First Dose M/F: NA / NA

Lab: BAT

F 344/N Rat Female  
1250 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	0	
	3	3	3	3	3	3	3	3	3	2	
ANIMAL ID	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	
	1	1	1	1	1	1	1	1	1	2	
	1	2	3	4	5	6	7	8	9	0	*TOTALS
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

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1) Minimal 3) Moderate

2) Mild 4) Marked