P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos

CAS Number: 56-72-4

Date Report Requested: 10/26/2014 Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

Test Type: Long-Term
Route: Dosed-Feed
Species/Strain: Rat/F344

C Number: C08662

Cage Range: All

Date Range: All

Reasons For Removal: All

Removal Date Range: All

Treatment Groups: All

Study Gender: Male

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos
CAS Number: 56-72-4

Date Report Requested: 10/26/2014
Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Rat/F344

Test Type: Long-Term
Route: Dosed-Feed

ANIMAL ID: 1_001	TRT#: 1	SEX: Male	DAY ON TEST:	
	DOSE: 0	DISP: Scheduled Sacrifice	HISTO:	
OBSERVATIONS				
Kidney		Inflammation, Chronic		
Pituitary gland		Hyperplasia, Focal		
Testis		Interstitial-Cell Tumor		

^{*} PROTOCOL REQUIRED TISSUE

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos **CAS Number:** 56-72-4

Time Report Requested: 12:18:01

Date Report Requested: 10/26/2014

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Rat/F344

Test Type: Long-Term

ANIMAL ID: 1_002	TRT#: 1 DOSE: 0	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:	
OBSERVATIONS				
Kidney		Inflammation, Chronic		
Liver		Metamorphosis, Fatty		
Mammary gland		Dysplasia, Nos		
Pituitary gland		Adenoma, Nos		
Stomach		Ulcer, Chronic		
PRIMARY CAUSE OF DEATH	-			

^{*} PROTOCOL REQUIRED TISSUE

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos **CAS Number:** 56-72-4

Date Report Requested: 10/26/2014 Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Rat/F344

Test Type: Long-Term

ANIMAL ID: 1_003	TRT#: 1	SEX: Male	DAY ON TEST:	
	DOSE: 0	DISP: Moribund Sacrifice	HISTO:	
OBSERVATIONS				
Kidney		Inflammation, Chronic		
Testis		Interstitial-Cell Tumor		
Unspecified		Cyst, Epidermal Inclusion		

^{*} PROTOCOL REQUIRED TISSUE

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos
CAS Number: 56-72-4

Date Report Requested: 10/26/2014
Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Rat/F344

Test Type: Long-Term

ANIMAL ID: 1_004	TRT# : 1	SEX: Male	DAY ON TEST:	
	DOSE: 0	DISP: Scheduled Sacrifice	HISTO:	
OBSERVATIONS				
Kidney		Inflammation, Chronic		
Liver	Bile Duct	Inflammation, Chronic		
Testis		Interstitial-Cell Tumor		
PRIMARY CAUSE OF DEATH	-			

^{*} PROTOCOL REQUIRED TISSUE

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos **CAS Number:** 56-72-4

Date Report Requested: 10/26/2014 Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

DAY ON TEST:

Species/Strain: Rat/F344

Test Type: Long-Term

Route: Dosed-Feed

ANIMAL ID: 1_005 **TRT#:** 1 **DOSE:** 0

SEX: Male

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney Testis Inflammation, Chronic
Interstitial-Cell Tumor

Test Type: Long-Term

Species/Strain: Rat/F344

Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos CAS Number: 56-72-4

Date Report Requested: 10/26/2014 Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_006 **TRT#:** 1 **DOSE:** 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST: HISTO:

OBSERVATIONS

Testis Interstitial-Cell Tumor

Test Type: Long-Term
Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos
CAS Number: 56-72-4

Date Report Requested: 10/26/2014 Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_007	TRT#: 1 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:	
OBSERVATIONS				
Liver	Bile Duct	Inflammation, Chronic		
Testis		Interstitial-Cell Tumor		
PRIMARY CAUSE OF DEATH	-			

^{*} PROTOCOL REQUIRED TISSUE

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos **CAS Number: 56-72-4**

Time Report Requested: 12:18:01

Date Report Requested: 10/26/2014

First Dose M/F: NA / NA

Lab: NA

DAY ON TEST:

Species/Strain: Rat/F344

PRIMARY CAUSE OF DEATH

Test Type: Long-Term

Route: Dosed-Feed

ANIMAL ID: 1_008

TRT#: 1

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Inflammation, Chronic Kidney Chromophobe Adenoma Pituitary gland Interstitial-Cell Tumor Testis

* PROTOCOL REQUIRED TISSUE

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos
CAS Number: 56-72-4

Date Report Requested: 10/26/2014 Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Rat/F344

Test Type: Long-Term

ANUMAL ID (acc	TDT"	CEV. Male			
ANIMAL ID: 1_009	TRT# : 1	SEX: Male	DAY ON TEST:		
	DOSE: 0	DISP: Scheduled Sacrifice	HISTO:		
OBSERVATIONS					
Kidney		Inflammation, Chronic			
Pancreas	Islets	Islet-Cell Adenoma			
Pituitary gland		Hemorrhage			
Testis		Interstitial-Cell Tumor			
PRIMARY CAUSE OF DEATH	-				

^{*} PROTOCOL REQUIRED TISSUE

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos
CAS Number: 56-72-4

Date Report Requested: 10/26/2014 Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Rat/F344

Test Type: Long-Term
Route: Dosed-Feed

ANIMAL ID: 1_010	TRT#: 1 DOSE: 0	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:	
OBSERVATIONS				
OBSERVATIONS				
Kidney		Inflammation, Chronic		
Testis		Interstitial-Cell Tumor		
PRIMARY CAUSE OF DEATH	_			

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos **CAS Number:** 56-72-4

Date Report Requested: 10/26/2014
Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Rat/F344

Test Type: Long-Term

ANIMAL ID: 1_011	TRT# : 1	SEX: Male	DAY ON TEST:	
	DOSE: 0	DISP: Scheduled Sacrifice	HISTO:	
OBSERVATIONS				
Kidney		Inflammation, Chronic		
Liver	Bile Duct	Hyperplasia, Diffuse		
Testis		Interstitial-Cell Tumor		
PRIMARY CAUSE OF DEATH	-			

^{*} PROTOCOL REQUIRED TISSUE

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos **CAS Number:** 56-72-4

Date Report Requested: 10/26/2014 Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

DAY ON TEST:

Species/Strain: Rat/F344

Test Type: Long-Term

Route: Dosed-Feed

ANIMAL ID: 1_012 **TRT#:** 1 **DOSE:** 0

Multiple Organs Nos

SEX: Male

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Pituitary gland
Testis
Unspecified

Chromophobe Adenoma
Interstitial-Cell Tumor

Leukemia, Monocytic

Test Type: Long-Term
Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos CAS Number: 56-72-4

Date Report Requested: 10/26/2014
Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_013	TRT#: 1	SEX: Male	DAY ON TEST:	
	DOSE: 0	DISP: Moribund Sacrifice	HISTO:	
OBSERVATIONS				
Kidney		Infarct, Nos		
		Inflammation, Chronic		
Mammary gland	Mammary Lobule	Hyperplasia, Nos		
Testis		Interstitial-Cell Tumor		
Unspecified	Multiple Organs Nos	Leukemia, Monocytic		
PRIMARY CAUSE OF DEATH	-			

^{*} PROTOCOL REQUIRED TISSUE

Test Type: Long-Term

Species/Strain: Rat/F344

PRIMARY CAUSE OF DEATH

Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos **CAS Number:** 56-72-4

Date Report Requested: 10/26/2014
Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_014	TRT#: 1 DOSE: 0	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:	
OBSERVATIONS				
Kidney		Tubular-Cell Adenoma		
Skin	Epidermis	Cyst, Nos		
Testis		Interstitial-Cell Tumor		
Unspecified	Multiple Organs Nos	Leukemia, Monocytic		

^{*} PROTOCOL REQUIRED TISSUE

Test Type: Long-Term

Species/Strain: Rat/F344

Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos CAS Number: 56-72-4

Date Report Requested: 10/26/2014 Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 1_015

TRT#: 1

DOSE: 0

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney
Testis

PRIMARY CAUSE OF DEATH

TRT#: 1

DAY ON TEST:
HISTO:

HISTO:

Inflammation, Chronic
Interstitial-Cell Tumor

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos **CAS Number:** 56-72-4

Date Report Requested: 10/26/2014 Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Rat/F344

Test Type: Long-Term

Route: Dosed-Feed

ANIMAL ID: 1_016

TRT#: 1 **DOSE**: 0

SEX: Male

DISP: Scheduled Sacrifice

Interstitial-Cell Tumor

DAY ON TEST: HISTO:

OBSERVATIONS

Testis

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos **CAS Number:** 56-72-4

Date Report Requested: 10/26/2014 Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Rat/F344

Test Type: Long-Term

Route: Dosed-Feed

ANIMAL ID: 1_017

TRT#: 1
DOSE: 0
DISP: Natural Death
HISTO:

OBSERVATIONS
Testis
Unspecified
Multiple Organs Nos

PRIMARY CAUSE OF DEATH

TRT#: 1
DOSE: 0
DAY ON TEST:
HISTO:

HISTO:

DAY ON TEST:
HISTO:
HISTO:

Leukemia, Granulocytic

^{*} PROTOCOL REQUIRED TISSUE

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos **CAS Number:** 56-72-4

Date Report Requested: 10/26/2014 Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Rat/F344

Test Type: Long-Term

Route: Dosed-Feed

ANIMAL ID: 1_018 **TRT#:** 1 **DOSE:** 0

SEX: Male

DISP: Scheduled Sacrifice

DAY ON TEST: HISTO:

OBSERVATIONS

Kidney Testis Inflammation, Chronic
Interstitial-Cell Tumor

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos CAS Number: 56-72-4

Date Report Requested: 10/26/2014 Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

DAY ON TEST:

Species/Strain: Rat/F344

Test Type: Long-Term

Route: Dosed-Feed

ANIMAL ID: 1_019 **TRT#:** 1 **DOSE:** 0

SEX: Male

DISP: Natural Death

HISTO:

OBSERVATIONS

Unspecified Multiple Organs Nos
PRIMARY CAUSE OF DEATH -

Leukemia, Nos

^{*} PROTOCOL REQUIRED TISSUE

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos CAS Number: 56-72-4

Date Report Requested: 10/26/2014 Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

DAY ON TEST:

Species/Strain: Rat/F344

Test Type: Long-Term

Route: Dosed-Feed

ANIMAL ID: 1_020 **TRT#:** 1

DOSE: 0

Multiple Organs Nos

SEX: Male

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney Testis Unspecified Inflammation, Chronic
Interstitial-Cell Tumor

Leukemia, Monocytic

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos **CAS Number:** 56-72-4

Date Report Requested: 10/26/2014
Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Rat/F344

Test Type: Long-Term

ANIMAL ID: 1_021	TRT#: 1	SEX: Male	DAY ON TEST:	
	DOSE: 0	DISP: Moribund Sacrifice	HISTO:	
OBSERVATIONS				
Kidney		Inflammation, Chronic		
Liver	Bile Duct	Inflammation, Chronic		
Pituitary gland		Chromophobe Adenoma		
PRIMARY CAUSE OF DEATH	-			

^{*} PROTOCOL REQUIRED TISSUE

Test Type: Long-Term

Route: Dosed-Feed Species/Strain: Rat/F344 P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos

CAS Number: 56-72-4

Date Report Requested: 10/26/2014 Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

TRT#: 1 **ANIMAL ID:** 1_022 SEX: Male **DAY ON TEST:** DOSE: 0 **DISP:** Scheduled Sacrifice HISTO: **OBSERVATIONS** Inflammation, Chronic Kidney Hepatocytomegaly Liver Pituitary gland Hemorrhage Basal-Cell Tumor Skin Spleen Fibroma

Interstitial-Cell Tumor

Testis

PRIMARY CAUSE OF DEATH

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos
CAS Number: 56-72-4

Date Report Requested: 10/26/2014
Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Rat/F344

Test Type: Long-Term
Route: Dosed-Feed

ANIMAL ID: 1_023	TRT#: 1 DOSE: 0	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:	
OBSERVATIONS				
Adrenal gland		Carcinoma, Nos		
Kidney		Inflammation, Chronic		
Lung		Carcinoma, Nos, Metastatic		
Pituitary gland		Chromophobe Adenoma		
PRIMARY CAUSE OF DEATH	-			

^{*} PROTOCOL REQUIRED TISSUE

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos CAS Number: 56-72-4

Date Report Requested: 10/26/2014 Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

DAY ON TEST:

Species/Strain: Rat/F344

Test Type: Long-Term

Route: Dosed-Feed

ANIMAL ID: 1_024 **TRT#:** 1 **DOSE:** 0

SEX: Male

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Testis Interstitial-Cell Tumor

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos **CAS Number:** 56-72-4

Date Report Requested: 10/26/2014 Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

DAY ON TEST:

ANIMAL ID: 1_025

Species/Strain: Rat/F344

Test Type: Long-Term

Route: Dosed-Feed

TRT#: 1

DOSE: 0

SEX: Male

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney

Inflammation, Chronic

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos CAS Number: 56-72-4

Date Report Requested: 10/26/2014 Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

DAY ON TEST:

ANIMAL ID: 2_001

Species/Strain: Rat/F344

Test Type: Long-Term

Route: Dosed-Feed

TRT#: 2

DOSE: 10 PPM

SEX: Male

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney Testis Inflammation, Chronic
Interstitial-Cell Tumor

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos **CAS Number:** 56-72-4

Interstitial-Cell Tumor

Date Report Requested: 10/26/2014
Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Rat/F344

Test Type: Long-Term

Route: Dosed-Feed

ANIMAL ID: 2_002	TRT#: 2 DOSE: 10 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Skin		Cyst, Epidermal Inclusion	

PRIMARY CAUSE OF DEATH

Testis

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA Test Compound: Coumaphos

CAS Number: 56-72-4

Date Report Requested: 10/26/2014 Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Rat/F344

Test Type: Long-Term Route: Dosed-Feed

ANIMAL ID: 2_003	TRT#: 2 DOSE: 10 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:	
OBSERVATIONS				
Pituitary gland		Cyst, Nos		
Testis		Interstitial-Cell Tumor		
Thyroid		C-Cell Adenoma		
Unspecified	Multiple Organs Nos	Leukemia, Monocytic		
PRIMARY CAUSE OF DEATH	-			

^{*} PROTOCOL REQUIRED TISSUE

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos **CAS Number:** 56-72-4

Date Report Requested: 10/26/2014 Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

DAY ON TEST:

Species/Strain: Rat/F344

Test Type: Long-Term

Route: Dosed-Feed

ANIMAL ID: 2_004 **TRT#:** 2

DOSE: 10 PPM

SEX: Male

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Brain Ependymoma
Stomach Ulcer, Chronic
Testis Interstitial-Cell Tumor

Test Type: Long-Term

Species/Strain: Rat/F344

Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos CAS Number: 56-72-4

Date Report Requested: 10/26/2014 Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_005 TRT#: 2 SEX: Male DAY ON TEST:

DOSE: 10 PPM DISP: Moribund Sacrifice HISTO:

OBSERVATIONS

Mammary gland Dysplasia, Nos
Pituitary gland Carcinoma, Nos

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos **CAS Number: 56-72-4**

Date Report Requested: 10/26/2014 Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Rat/F344

PRIMARY CAUSE OF DEATH

Test Type: Long-Term

Route: Dosed-Feed

TRT#: 2 **ANIMAL ID: 2_006**

DOSE: 10 PPM

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST: HISTO:

OBSERVATIONS

Testis Unspecified

Interstitial-Cell Tumor Multiple Organs Nos

Lymphoma, Histiocytic-Malignant Type

Test Type: Long-Term
Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos
CAS Number: 56-72-4

Date Report Requested: 10/26/2014
Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_007	TRT#: 2	SEX: Male	DAY ON TEST:	
	DOSE: 10 PPM	DISP: Scheduled Sacrifice	HISTO:	
OBSERVATIONS				
Kidney		Inflammation, Chronic		
Pituitary gland		Chromophobe Adenoma		
PRIMARY CAUSE OF DEATH	-			

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA **Test Compound:** Coumaphos

CAS Number: 56-72-4

Date Report Requested: 10/26/2014

Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

DAY ON TEST:

Species/Strain: Rat/F344

Test Type: Long-Term

Route: Dosed-Feed

TRT#: 2 **ANIMAL ID: 2_008**

DOSE: 10 PPM

SEX: Male

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney Testis

Inflammation, Chronic Interstitial-Cell Tumor

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos
CAS Number: 56-72-4

Date Report Requested: 10/26/2014 Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Rat/F344

Test Type: Long-Term

ANIMAL ID: 2_009	TRT#: 2 DOSE: 10 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:	
OBSERVATIONS				
Kidney		Inflammation, Chronic		
Pancreas		Atrophy, Nos		
Pituitary gland		Adenoma, Nos		
Testis		Interstitial-Cell Tumor		
Thyroid		C-Cell Adenoma		
PRIMARY CAUSE OF DEATH	-			

Test Type: Long-Term
Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos
CAS Number: 56-72-4

Date Report Requested: 10/26/2014
Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_010	TRT#: 2 DOSE: 10 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:	
OBSERVATIONS				
Pancreas	Islets	Islet-Cell Adenoma		
Testis		Interstitial-Cell Tumor		
PRIMARY CAUSE OF DEATH	-			

^{*} PROTOCOL REQUIRED TISSUE

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos **CAS Number:** 56-72-4

First Dose M/F: NA / NA

Date Report Requested: 10/26/2014

Time Report Requested: 12:18:01

Lab: NA

Species/Strain: Rat/F344

ANIMAL ID: 2_011	TRT#: 2	SEX: Male	DAY ON TEST:	
	DOSE: 10 PPM	DISP: Scheduled Sacrifice	HISTO:	
OBSERVATIONS				
Kidney		Inflammation, Chronic		
Mammary gland		Fibroma		
Testis		Interstitial-Cell Tumor		
PRIMARY CAUSE OF DEATH	-			

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos
CAS Number: 56-72-4

Date Report Requested: 10/26/2014
Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Rat/F344

ANIMAL ID: 2_012	TRT#: 2	SEX: Male	DAY ON TEST:	
	DOSE: 10 PPM	DISP: Scheduled Sacrifice	HISTO:	
OBSERVATIONS				
Kidney		Inflammation, Chronic		
Pituitary gland		Cyst, Nos		
PRIMARY CAUSE OF DEATH	-			

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos CAS Number: 56-72-4

Time Report Requested: 12:18:01

Date Report Requested: 10/26/2014

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Rat/F344

Test Type: Long-Term

Route: Dosed-Feed

ANIMAL ID: 2_013 TRT#: 2 SEX: Male DAY ON TEST:

DOSE: 10 PPM DISP: Scheduled Sacrifice HISTO:

OBSERVATIONS

Kidney Inflammation, Chronic Testis Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos
CAS Number: 56-72-4

Date Report Requested: 10/26/2014 Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Rat/F344

Test Type: Long-Term

Route: Dosed-Feed

ANIMAL ID: 2_014

TRT#: 2
DOSE: 10 PPM
DISP: Moribund Sacrifice

OBSERVATIONS
Kidney
Pituitary gland

PRIMARY CAUSE OF DEATH

TRT#: 2
DOSE: 10 PPM
DISP: Male
DISP: Male
DISP: Moribund Sacrifice
HISTO:
HISTO:
Chromophobe Adenoma

^{*} PROTOCOL REQUIRED TISSUE

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos
CAS Number: 56-72-4

Date Report Requested: 10/26/2014
Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Rat/F344

Test Type: Long-Term

ANIMAL ID: 2_015	TRT#: 2	SEX: Male	DAY ON TEST:	
	DOSE: 10 PPM	DISP: Scheduled Sacrifice	HISTO:	
DBSERVATIONS				
Kidney		Inflammation, Chronic		
Liver		Focal Cellular Change		
Testis		Interstitial-Cell Tumor		

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos
CAS Number: 56-72-4

Date Report Requested: 10/26/2014
Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Rat/F344

ANIMAL ID: 2_016	TRT#: 2	SEX: Male	DAY ON TEST:	
	DOSE: 10 PPM	DISP: Scheduled Sacrifice	HISTO:	
OBSERVATIONS				
Kidney		Inflammation, Chronic		
Pituitary gland		Chromophobe Adenoma		
Testis		Interstitial-Cell Tumor		

^{*} PROTOCOL REQUIRED TISSUE

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos
CAS Number: 56-72-4

Date Report Requested: 10/26/2014
Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Rat/F344

	DAY ON TEST:
10 PPM DISP: Scheduled	Sacrifice HISTO:
Inflammation, Chro	onic
Interstitial-Cell Tun	mor
-	Inflammation, Chro

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos
CAS Number: 56-72-4

Time Report Requested: 12:18:01

Date Report Requested: 10/26/2014

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Rat/F344

ANIMAL ID: 2_018	TRT#: 2	SEX: Male	DAY ON TEST:	
	DOSE: 10 PPM	DISP: Moribund Sacrifice	HISTO:	
OBSERVATIONS				
Liver	Bile Duct	Inflammation, Chronic		
Pancreas	Islets	Islet-Cell Adenoma		
Pituitary gland		Hemorrhage		
Testis		Interstitial-Cell Tumor		
PRIMARY CAUSE OF DEATH	-			

^{*} PROTOCOL REQUIRED TISSUE

Test Type: Long-Term Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos **CAS Number:** 56-72-4

First Dose M/F: NA / NA

Date Report Requested: 10/26/2014

Time Report Requested: 12:18:01

Lab: NA

ANIMAL ID: 2_019	TRT#: 2 DOSE: 10 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:	
OBSERVATIONS				
Intestine Small	lleum	Inflammation, Acute Necrotizing		
Liver		Neoplastic Nodule		
Lymph node	Mesenteric Lymph Node	Inflammation, Acute/Chronic		
Testis		Interstitial-Cell Tumor		
PRIMARY CAUSE OF DEATH	-			

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos
CAS Number: 56-72-4

Date Report Requested: 10/26/2014 Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

DAY ON TEST:

ANIMAL ID: 2_020

PRIMARY CAUSE OF DEATH

Species/Strain: Rat/F344

Test Type: Long-Term

Route: Dosed-Feed

TRT#: 2

DOSE: 10 PPM

SEX: Male

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Testis

Interstitial-Cell Tumor

^{*} PROTOCOL REQUIRED TISSUE

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos **CAS Number:** 56-72-4

Date Report Requested: 10/26/2014
Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Rat/F344

Test Type: Long-Term

ANIMAL ID: 2_021	TRT#: 2 DOSE: 10 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:	
OBSERVATIONS				
Kidney		Inflammation, Chronic		
Testis		Interstitial-Cell Tumor		
Thyroid		C-Cell Adenoma		
PRIMARY CAUSE OF DEATH	-			

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos CAS Number: 56-72-4

Date Report Requested: 10/26/2014 Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Rat/F344

PRIMARY CAUSE OF DEATH

Test Type: Long-Term

Route: Dosed-Feed

ANIMAL ID: 2_022 TRT#: 2
DOSE: 10 PPM DISP: Natural Death HISTO:

OBSERVATIONS

Kidney
Testis
Unspecified Multiple Organs Nos

Kidney
Leukemia, Nos

^{*} PROTOCOL REQUIRED TISSUE

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Date Report Requested: 10/26/2014 Time Report Requested: 12:18:01

Test Type: Long-Term

Route: Dosed-Feed

CAS Number: 56-72-4

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_023 TRT#: 2 SEX: Male **DAY ON TEST:** DOSE: 10 PPM **DISP:** Moribund Sacrifice HISTO: **OBSERVATIONS** Inflammation, Chronic Kidney Islet-Cell Adenoma Pancreas Islets Chromophobe Adenoma Pituitary gland Stomach Ulcer, Acute Unspecified Multiple Organs Nos Leukemia, Monocytic PRIMARY CAUSE OF DEATH

^{*} PROTOCOL REQUIRED TISSUE

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos
CAS Number: 56-72-4

First Dose M/F: NA / NA

Date Report Requested: 10/26/2014

Time Report Requested: 12:18:01

Species/Strain: Rat/F344

Test Type: Long-Term
Route: Dosed-Feed

Jer: 56-72-4 F1

Lab: NA

ANIMAL ID: 2_024	TRT#: 2	SEX: Male	DAY ON TEST:	
	DOSE: 10 PPM	DISP: Scheduled Sacrifice	HISTO:	
OBSERVATIONS				
Kidney		Inflammation, Chronic		
Testis		Interstitial-Cell Tumor		
Thyroid		C-Cell Adenoma		

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos CAS Number: 56-72-4

Date Report Requested: 10/26/2014 Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Rat/F344

PRIMARY CAUSE OF DEATH

Test Type: Long-Term

Route: Dosed-Feed

ANIMAL ID: 2_025 TRT#: 2 SEX: Male DAY ON TEST:
DOSE: 10 PPM DISP: Scheduled Sacrifice HISTO:

OBSERVATIONS

Kidney Inflammation, Chronic
Pancreas Periarteritis
Testis Interstitial-Cell Tumor

^{*} PROTOCOL REQUIRED TISSUE

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA Test Compound: Coumaphos

CAS Number: 56-72-4

Date Report Requested: 10/26/2014
Time Report Requested: 12:18:01

Time Report Requested: 12

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Rat/F344

Test Type: Long-Term

ANIMAL ID: 2_026	TRT#: 2 DOSE: 10 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:	
OBSERVATIONS				
Intestine Small	lleum, lleum	Necrosis, Focal		
Kidney		Inflammation, Chronic		
Lymph node		Cyst, Nos		
Pancreas	Islets	Islet-Cell Adenoma		
Pituitary gland		Chromophobe Adenoma		
Testis		Interstitial-Cell Tumor		
PRIMARY CAUSE OF DEATH	-			

^{*} PROTOCOL REQUIRED TISSUE

Test Type: Long-Term

Species/Strain: Rat/F344

Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos CAS Number: 56-72-4

DISP: Scheduled Sacrifice

Date Report Requested: 10/26/2014 Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

DAY ON TEST:

HISTO:

OBSERVATIONS

Kidney Inflammation, Chronic Testis Interstitial-Cell Tumor

DOSE: 10 PPM

PRIMARY CAUSE OF DEATH

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos CAS Number: 56-72-4

Time Report Requested: 12:18:01

Date Report Requested: 10/26/2014

First Dose M/F: NA / NA

Lab: NA

DAY ON TEST:

Species/Strain: Rat/F344

Test Type: Long-Term

Route: Dosed-Feed

ANIMAL ID: 2_028 **TRT#:** 2 **DOSE:** 10 PPM

SEX: Male

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney Inflammation, Chronic Testis Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos
CAS Number: 56-72-4

Date Report Requested: 10/26/2014 Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Rat/F344

Test Type: Long-Term

ANIMAL ID: 2_029	TRT#: 2	SEX: Male	DAY ON TEST:	
_	DOSE: 10 PPM	DISP: Scheduled Sacrifice	HISTO:	
OBSERVATIONS				
Ear		Cyst, Epidermal Inclusion		
Pancreas	Islets	Islet-Cell Adenoma		
Testis		Interstitial-Cell Tumor		
Unspecified	Multiple Organs Nos	Leukemia, Monocytic		
PRIMARY CAUSE OF DEATH	-			

^{*} PROTOCOL REQUIRED TISSUE

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos

CAS Number: 56-72-4

Date Report Requested: 10/26/2014

Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

Test Type: Long-Term
Route: Dosed-Feed

ANIMAL ID: 2_030

Species/Strain: Rat/F344

PRIMARY CAUSE OF DEATH

TRT#: 2

DOSE: 10 PPM

SEX: Male

DISP: Moribund Sacrifice

DAY ON TEST:

HISTO:

OBSERVATIONS

Skin

Fibrous Histiocytoma, Malignant

^{*} PROTOCOL REQUIRED TISSUE

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos
CAS Number: 56-72-4

Date Report Requested: 10/26/2014
Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Rat/F344

ANIMAL ID: 2_031	TRT#: 2	SEX: Male	DAY ON TEST:	
	DOSE: 10 PPM	DISP: Scheduled Sacrifice	HISTO:	
OBSERVATIONS				
Kidney		Inflammation, Chronic		
Testis		Interstitial-Cell Tumor		
Thyroid		C-Cell Adenoma		
PRIMARY CAUSE OF DEATH	-			

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos
CAS Number: 56-72-4

Date Report Requested: 10/26/2014 Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Rat/F344

Test Type: Long-Term

ANIMAL ID: 2_032	TRT#: 2	SEX: Male	DAY ON TEST:	
	DOSE: 10 PPM	DISP: Moribund Sacrifice	HISTO:	
OBSERVATIONS				
Kidney		Inflammation, Chronic		
Liver		Metamorphosis, Fatty		
Pituitary gland		Hemorrhage		
PRIMARY CAUSE OF DEATH	-			

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos
CAS Number: 56-72-4

Date Report Requested: 10/26/2014
Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Rat/F344

ANIMAL ID: 2_033	TRT#: 2	SEX: Male	DAY ON TEST:	
	DOSE: 10 PPM	DISP: Scheduled Sacrifice	HISTO:	
OBSERVATIONS				
Kidney		Inflammation, Chronic		
Salivary gland		Fibroma		
Testis		Interstitial-Cell Tumor		
PRIMARY CAUSE OF DEATH	-			

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos **CAS Number:** 56-72-4

Date Report Requested: 10/26/2014 Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Rat/F344

PRIMARY CAUSE OF DEATH

Test Type: Long-Term

Route: Dosed-Feed

ANIMAL ID: 2_034 TRT#: 2
DOSE: 10 PPM DISP: Scheduled Sacrifice HISTO:

OBSERVATIONS
Pituitary gland
Testis
Unspecified Multiple Organs Nos

EX: Male
DISP: Scheduled Sacrifice
DISP: Scheduled Sacrifice
DISP: Scheduled Sacrifice
DISP: Scheduled Sacrifice
HISTO:
HISTO:
HISTO:
HISTO:
Leukemia, Monocytic

^{*} PROTOCOL REQUIRED TISSUE

Test Type: Long-Term
Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos
CAS Number: 56-72-4

Date Report Requested: 10/26/2014
Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_035	TRT#: 2 DOSE: 10 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:	
OBSERVATIONS				
Heart	Myocardium Nos	Fibrosis, Multifocal		
Kidney		Inflammation, Chronic		
Testis		Interstitial-Cell Tumor		
Unspecified	Multiple Organs Nos	Leukemia, Granulocytic		
PRIMARY CAUSE OF DEATH	-			

^{*} PROTOCOL REQUIRED TISSUE

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos
CAS Number: 56-72-4

Date Report Requested: 10/26/2014
Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Rat/F344

ANIMAL ID: 2_036	TRT#: 2 DOSE: 10 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:	
OBSERVATIONS				
Kidney		Inflammation, Chronic		
Testis		Interstitial-Cell Tumor		
PRIMARY CAUSE OF DEATH	-			

Test Type: Long-Term
Route: Dosed-Feed

Species/Strain: Rat/F344

PRIMARY CAUSE OF DEATH

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos
CAS Number: 56-72-4

Date Report Requested: 10/26/2014
Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_037	TRT#: 2	SEX: Male	DAY ON TEST:	
	DOSE: 10 PPM	DISP: Scheduled Sacrifice	HISTO:	
OBSERVATIONS				
Kidney		Inflammation, Chronic		
Liver	Bile Duct	Inflammation, Chronic		
Pituitary gland		Hyperplasia, Focal		
Testis		Interstitial-Cell Tumor		

^{*} PROTOCOL REQUIRED TISSUE

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos
CAS Number: 56-72-4

Date Report Requested: 10/26/2014 Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Rat/F344

Test Type: Long-Term

ANIMAL ID: 2_038	TRT#: 2	SEX: Male	DAY ON TEST:	
	DOSE: 10 PPM	DISP: Scheduled Sacrifice	HISTO:	
OBSERVATIONS				
Kidney		Inflammation, Chronic		
Pancreas	Islets	Islet-Cell Adenoma		
Pituitary gland		Chromophobe Adenoma		
Testis		Interstitial-Cell Tumor		
PRIMARY CAUSE OF DEATH	-			

^{*} PROTOCOL REQUIRED TISSUE

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos
CAS Number: 56-72-4

Date Report Requested: 10/26/2014
Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Rat/F344

ANIMAL ID: 2_039	TRT#: 2	SEX: Male	DAY ON TEST:	
	DOSE: 10 PPM	DISP: Moribund Sacrifice	HISTO:	
OBSERVATIONS				
Kidney		Inflammation, Chronic		
Lung		Bronchopneumonia, Acute		
Testis		Interstitial-Cell Tumor		
Thyroid		C-Cell Carcinoma		

^{*} PROTOCOL REQUIRED TISSUE

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos
CAS Number: 56-72-4

Date Report Requested: 10/26/2014 Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Rat/F344

ANIMAL ID: 2_040	TRT#: 2	SEX: Male	DAY ON TEST:	
	DOSE: 10 PPM	DISP: Scheduled Sacrifice	HISTO:	
OBSERVATIONS				
Intestine Small	Mesentery Nos	Necrosis, Fat		
Kidney		Inflammation, Chronic		
Mammary gland	Mammary Lobule	Hyperplasia, Nos		
Pituitary gland		Chromophobe Adenoma		
Testis		Atrophy, Nos		
		Interstitial-Cell Tumor		
Thyroid		C-Cell Adenoma		
PRIMARY CAUSE OF DEATH	-			

^{*} PROTOCOL REQUIRED TISSUE

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos
CAS Number: 56-72-4

Date Report Requested: 10/26/2014
Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Rat/F344

Test Type: Long-Term

ANIMAL ID: 2_041	TRT#: 2 DOSE: 10 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:	
OBSERVATIONS				
Epididymis		Necrosis, Fat		
Kidney		Inflammation, Chronic		
Liver		Metamorphosis, Fatty		
Pituitary gland		Chromophobe Adenoma		
Testis		Interstitial-Cell Tumor		
PRIMARY CAUSE OF DEATH	-			

^{*} PROTOCOL REQUIRED TISSUE

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos
CAS Number: 56-72-4

Date Report Requested: 10/26/2014
Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Rat/F344

ANIMAL ID: 2_042	TRT#: 2 DOSE: 10 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:	
	DOOL: 10 I I WI	Didi : deficadica daciffice		
OBSERVATIONS				
Kidney		Inflammation, Chronic		
Skin		Cyst, Epidermal Inclusion		
Testis		Interstitial-Cell Tumor		
Unspecified	Multiple Organs Nos	Leukemia, Monocytic		
PRIMARY CAUSE OF DEATH	-			

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos
CAS Number: 56-72-4

Date Report Requested: 10/26/2014
Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Rat/F344

ANIMAL ID: 2_043	TRT#: 2	SEX: Male	DAY ON TEST:	
	DOSE: 10 PPM	DISP: Scheduled Sacrifice	HISTO:	
OBSERVATIONS				
Heart	Myocardium Nos	Fibrosis, Focal		
Kidney		Inflammation, Chronic		
Pituitary gland		Hyperplasia, Focal		
Testis		Interstitial-Cell Tumor		
Thyroid		C-Cell Adenoma		
PRIMARY CAUSE OF DEATH	-			

^{*} PROTOCOL REQUIRED TISSUE

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos
CAS Number: 56-72-4

Date Report Requested: 10/26/2014
Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Rat/F344

Test Type: Long-Term

ANIMAL ID: 2_044	TRT#: 2	SEX: Male	DAY ON TEST:	
_	DOSE: 10 PPM	DISP: Scheduled Sacrifice	ніѕто:	
OBSERVATIONS				
Kidney		Inflammation, Chronic		
Pancreas	Acinus	Atrophy, Nos		
Testis		Interstitial-Cell Tumor		
PRIMARY CAUSE OF DEATH	-			

^{*} PROTOCOL REQUIRED TISSUE

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos CAS Number: 56-72-4

Date Report Requested: 10/26/2014 Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

DAY ON TEST:

Species/Strain: Rat/F344

Test Type: Long-Term

Route: Dosed-Feed

ANIMAL ID: 2_045 **TRT#:** 2

DOSE: 10 PPM

SEX: Male

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Kidney Inflammation, Chronic Spleen Fibrosis, Focal Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

Test Type: Long-Term
Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos

CAS Number: 56-72-4

Date Report Requested: 10/26/2014
Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_046	TRT#: 2	SEX: Male	DAY ON TEST:	
	DOSE: 10 PPM	DISP: Scheduled Sacrifice	HISTO:	
OBSERVATIONS				
Kidney		Inflammation, Chronic		
Pancreas	Islets	Islet-Cell Adenoma		
Testis		Interstitial-Cell Tumor		
PRIMARY CAUSE OF DEATH	-			

^{*} PROTOCOL REQUIRED TISSUE

Test Type: Long-Term

Species/Strain: Rat/F344

Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos CAS Number: 56-72-4

Date Report Requested: 10/26/2014 Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_047 TRT#: 2 SEX: Male DAY ON TEST:

DOSE: 10 PPM DISP: Scheduled Sacrifice HISTO:

OBSERVATIONS

Kidney Inflammation, Chronic Testis Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos
CAS Number: 56-72-4

Date Report Requested: 10/26/2014
Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Rat/F344

ANIMAL ID: 2_048	TRT#: 2 DOSE: 10 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Skin		Papilloma, Nos	
Testis		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

Test Type: Long-Term Route: Dosed-Feed

Species/Strain: Rat/F344

PRIMARY CAUSE OF DEATH

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA Test Compound: Coumaphos

CAS Number: 56-72-4

Date Report Requested: 10/26/2014

Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 2_049	TRT#: 2	SEX: Male	DAY ON TEST:	
	DOSE: 10 PPM	DISP: Scheduled Sacrifice	HISTO:	
OBSERVATIONS				
Liver	Bile Duct	Inflammation, Chronic		
Testis		Interstitial-Cell Tumor		

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos
CAS Number: 56-72-4

Date Report Requested: 10/26/2014
Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Rat/F344

Test Type: Long-Term

Route: Dosed-Feed

ANIMAL ID: 2_050	TRT# : 2	SEX: Male	DAY ON TEST:	
	DOSE: 10 PPM	DISP: Scheduled Sacrifice	HISTO:	
OBSERVATIONS				
Kidney		Inflammation, Chronic		
Pituitary gland		Chromophobe Adenoma		
Testis		Interstitial-Cell Tumor		
PRIMARY CAUSE OF DEATH	-			

Test Type: Long-Term Route: Dosed-Feed

Species/Strain: Rat/F344

PRIMARY CAUSE OF DEATH

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos **CAS Number:** 56-72-4

Date Report Requested: 10/26/2014 Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_001	TRT#: 3 DOSE: 20 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:	
OBSERVATIONS				
Testis		Interstitial-Cell Tumor		
Unspecified	Abdominal Cavity	Paraganglioma, Nos		

^{*} PROTOCOL REQUIRED TISSUE

Test Type: Long-Term
Route: Dosed-Feed

Thyroid

Species/Strain: Rat/F344

PRIMARY CAUSE OF DEATH

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos CAS Number: 56-72-4

Date Report Requested: 10/26/2014
Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_002	TRT#: 3	SEX: Male	DAY ON TEST:	
	DOSE: 20 PPM	DISP: Moribund Sacrifice	HISTO:	
OBSERVATIONS				
Kidney		Inflammation, Chronic		
Lymph node	Mandibular Lymph Node	Hyperplasia, Nos		
Testis		Interstitial-Cell Tumor		

C-Cell Adenoma

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos
CAS Number: 56-72-4

Date Report Requested: 10/26/2014
Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Rat/F344

ANIMAL ID: 3_003	TRT#: 3 DOSE: 20 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Pituitary gland		Chromophobe Adenoma	
Skin		Cyst, Epidermal Inclusion	
PRIMARY CAUSE OF DEATH	-		

Test Type: Long-Term

Species/Strain: Rat/F344

PRIMARY CAUSE OF DEATH

Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos

CAS Number: 56-72-4

Date Report Requested: 10/26/2014 Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_004 **TRT#:** 3 SEX: Male DAY ON TEST: DOSE: 20 PPM **DISP:** Scheduled Sacrifice HISTO: **OBSERVATIONS** Inflammation, Chronic Kidney Parathyroid gland Hyperplasia, Diffuse Pituitary gland Chromophobe Adenoma Atrophy, Nos Testis

^{*} PROTOCOL REQUIRED TISSUE

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos CAS Number: 56-72-4

Date Report Requested: 10/26/2014 Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

DAY ON TEST:

Species/Strain: Rat/F344

Test Type: Long-Term

Route: Dosed-Feed

ANIMAL ID: 3_005 **TRT#:** 3

DOSE: 20 PPM

SEX: Male

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney Testis Unspecified Inflammation, Chronic
Interstitial-Cell Tumor
Multiple Organs Nos
Leukemia, Monocytic

PRIMARY CAUSE OF DEATH

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos
CAS Number: 56-72-4

Date Report Requested: 10/26/2014
Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Rat/F344

ANIMAL ID: 3 006	TRT#: 3	SEX: Male	DAY ON TEST:	
7.1.1.1.1.1.2.1.2.1.0_000	DOSE: 20 PPM	DISP: Scheduled Sacrifice	HISTO:	
OBSERVATIONS				
Kidney		Inflammation, Chronic		
Testis		Interstitial-Cell Tumor		
PRIMARY CAUSE OF DEATH				

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos
CAS Number: 56-72-4

Date Report Requested: 10/26/2014
Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Rat/F344

ANIMAL ID: 3_007	TRT#: 3	SEX: Male	DAY ON TEST:	
	DOSE: 20 PPM	DISP: Moribund Sacrifice	HISTO:	
OBSERVATIONS				
Kidney		Inflammation, Chronic		
Mammary gland		Dysplasia, Nos		
Pituitary gland		Carcinoma, Nos		
Stomach		Ulcer, Acute		

^{*} PROTOCOL REQUIRED TISSUE

PRIMARY CAUSE OF DEATH

Test Type: Long-Term

Route: Dosed-Feed Species/Strain: Rat/F344 P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos **CAS Number:** 56-72-4

Date Report Requested: 10/26/2014 Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_008 **TRT#:** 3 SEX: Male **DAY ON TEST:** DOSE: 20 PPM **DISP:** Scheduled Sacrifice HISTO: **OBSERVATIONS** Inflammation, Chronic Kidney Pituitary gland Hemorrhage Testis Interstitial-Cell Tumor Thyroid C-Cell Adenoma Unspecified Multiple Organs Nos Leukemia, Monocytic

^{*} PROTOCOL REQUIRED TISSUE

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos **CAS Number: 56-72-4**

Date Report Requested: 10/26/2014 Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

DAY ON TEST:

Species/Strain: Rat/F344

Test Type: Long-Term

Route: Dosed-Feed

TRT#: 3 **ANIMAL ID:** 3_009

DOSE: 20 PPM

SEX: Male

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Inflammation, Chronic Kidney Interstitial-Cell Tumor Testis

PRIMARY CAUSE OF DEATH

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos
CAS Number: 56-72-4

Date Report Requested: 10/26/2014 Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Rat/F344

Test Type: Long-Term

Route: Dosed-Feed

ANIMAL ID: 3_010	TRT#: 3	SEX: Male	DAY ON TEST:	
	DOSE: 20 PPM	DISP: Scheduled Sacrifice	HISTO:	
OBSERVATIONS				
Kidney		Inflammation, Chronic		
Lung		C-Cell Carcinoma, Metastatic		
Pituitary gland		Chromophobe Adenoma		
Skin		Cyst, Epidermal Inclusion		
Testis		Interstitial-Cell Tumor		
Thyroid		C-Cell Carcinoma		
PRIMARY CAUSE OF DEATH	-			

^{*} PROTOCOL REQUIRED TISSUE

Test Type: Long-Term Route: Dosed-Feed

Species/Strain: Rat/F344

PRIMARY CAUSE OF DEATH

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos **CAS Number:** 56-72-4

Time Report Requested: 12:18:01

Date Report Requested: 10/26/2014

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_011	TRT#: 3	SEX: Male	DAY ON TEST:	
	DOSE: 20 PPM	DISP: Scheduled Sacrifice	HISTO:	
OBSERVATIONS				
Adrenal gland		Carcinoma, Nos		
Lung		Carcinoma, Nos, Metastatic		
Testis		Interstitial-Cell Tumor		
Thyroid		C-Cell Adenoma		

^{*} PROTOCOL REQUIRED TISSUE

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos **CAS Number:** 56-72-4

Date Report Requested: 10/26/2014 Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

DAY ON TEST:

Species/Strain: Rat/F344

Test Type: Long-Term

Route: Dosed-Feed

TRT#: 3 **ANIMAL ID:** 3_012

DOSE: 20 PPM

SEX: Male

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Testis

Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos
CAS Number: 56-72-4

Date Report Requested: 10/26/2014 Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Rat/F344

Test Type: Long-Term

Route: Dosed-Feed

ANIMAL ID: 3_013	TRT#: 3	SEX: Male	DAY ON TEST:	
	DOSE: 20 PPM	DISP: Scheduled Sacrifice	HISTO:	
OBSERVATIONS				
Kidney		Inflammation, Chronic		
Pituitary gland		Hyperplasia, Focal		
Skin		Cyst, Epidermal Inclusion		
Testis		Interstitial-Cell Tumor		
PRIMARY CAUSE OF DEATH	-			

^{*} PROTOCOL REQUIRED TISSUE

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos
CAS Number: 56-72-4

Date Report Requested: 10/26/2014
Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Rat/F344

ANIMAL ID: 3_014	TRT#: 3	SEX: Male	DAY ON TEST:	
	DOSE: 20 PPM	DISP: Scheduled Sacrifice	HISTO:	
OBSERVATIONS				
Kidney		Inflammation, Chronic		
Pituitary gland		Adenoma, Nos		
Testis		Interstitial-Cell Tumor		
PRIMARY CAUSE OF DEATH	-			

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos **CAS Number: 56-72-4**

Date Report Requested: 10/26/2014 Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

DAY ON TEST:

Species/Strain: Rat/F344

Test Type: Long-Term

Route: Dosed-Feed

TRT#: 3 **ANIMAL ID:** 3_015

DOSE: 20 PPM

SEX: Male

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Lung Pituitary gland Unspecified

PRIMARY CAUSE OF DEATH

Multiple Organs Nos

Alveolar/Bronchiolar Carcinoma Chromophobe Adenoma

Leukemia, Monocytic

* PROTOCOL REQUIRED TISSUE

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos
CAS Number: 56-72-4

Date Report Requested: 10/26/2014
Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Rat/F344

Test Type: Long-Term

Route: Dosed-Feed

-				
ANIMAL ID: 3_016	TRT#: 3	SEX: Male	DAY ON TEST:	
	DOSE: 20 PPM	DISP: Scheduled Sacrifice	HISTO:	
OBSERVATIONS				
Kidney		Inflammation, Chronic		
Pancreas	Islets	Islet-Cell Adenoma		
Testis		Interstitial-Cell Tumor		
PRIMARY CAUSE OF DEATH	-			

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos CAS Number: 56-72-4

Date Report Requested: 10/26/2014 Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

DAY ON TEST:

Species/Strain: Rat/F344

Test Type: Long-Term

Route: Dosed-Feed

ANIMAL ID: 3_017 **TRT#:** 3

DOSE: 20 PPM

SEX: Male

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Pituitary gland Testis

PRIMARY CAUSE OF DEATH

Unspecified Multiple Organs Nos

Cyst, Nos Interstitial-Cell Tumor

Leukemia, Monocytic

* PROTOCOL REQUIRED TISSUE

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos
CAS Number: 56-72-4

Date Report Requested: 10/26/2014 Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_018

PRIMARY CAUSE OF DEATH

Species/Strain: Rat/F344

Test Type: Long-Term

Route: Dosed-Feed

TRT#: 3

SEX: Male

DAY ON TEST:

DOSE: 20 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Liver

Degeneration, Hydropic

* PROTOCOL REQUIRED TISSUE

Test Type: Long-Term
Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos CAS Number: 56-72-4

Date Report Requested: 10/26/2014
Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_019	TRT#: 3 DOSE: 20 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:	
	DOGE. 2011 W	DIOI : Ocheduled Sachlice	111010.	
OBSERVATIONS				
Kidney		Inflammation, Chronic		
Testis		Interstitial-Cell Tumor		
PRIMARY CAUSE OF DEATH	-			

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos
CAS Number: 56-72-4

Date Report Requested: 10/26/2014
Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Rat/F344

ANIMAL ID: 3_020	TRT#: 3	SEX: Male	DAY ON TEST:	
	DOSE: 20 PPM	DISP: Scheduled Sacrifice	HISTO:	
OBSERVATIONS				
Kidney		Inflammation, Chronic		
Pancreas	Islets	Islet-Cell Adenoma		
Pituitary gland		Hyperplasia, Focal		
Testis		Interstitial-Cell Tumor		
PRIMARY CAUSE OF DEATH	-			

^{*} PROTOCOL REQUIRED TISSUE

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos
CAS Number: 56-72-4

Date Report Requested: 10/26/2014
Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Rat/F344

Test Type: Long-Term

Route: Dosed-Feed

ANIMAL ID: 3_021	TRT#: 3 DOSE: 20 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:	
OBSERVATIONS				
Kidney		Inflammation, Chronic		
Liver		Focal Cellular Change		
Testis		Atrophy, Nos		
		Interstitial-Cell Tumor		
Thyroid		C-Cell Adenoma		
Unspecified	Abdominal Cavity	Necrosis, Fat		
PRIMARY CAUSE OF DEATH	-			

^{*} PROTOCOL REQUIRED TISSUE

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos **CAS Number:** 56-72-4

Date Report Requested: 10/26/2014 Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

DAY ON TEST:

Species/Strain: Rat/F344

Test Type: Long-Term

Route: Dosed-Feed

ANIMAL ID: 3_022 **TRT#:** 3

DOSE: 20 PPM

SEX: Male

DISP: Natural Death

HISTO:

OBSERVATIONS

Lung Inflammation, Nos
Testis Interstitial-Cell Tumor

PRIMARY CAUSE OF DEATH

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos
CAS Number: 56-72-4

Date Report Requested: 10/26/2014 Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Rat/F344

ANIMAL ID: 3_023	TRT#: 3 DOSE: 20 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:	
OBSERVATIONS				
Adrenal gland		Pheochromocytoma		
Kidney		Inflammation, Chronic		
Liver	Bile Duct	Inflammation, Chronic		
Pancreas	Islets	Islet-Cell Adenoma		
Testis		Interstitial-Cell Tumor		
PRIMARY CAUSE OF DEATH	-			

^{*} PROTOCOL REQUIRED TISSUE

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos
CAS Number: 56-72-4

Date Report Requested: 10/26/2014
Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Rat/F344

ANIMAL ID: 3_024	TRT#: 3 DOSE: 20 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Testis		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos
CAS Number: 56-72-4

Date Report Requested: 10/26/2014
Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Rat/F344

ANIMAL ID: 3_025	TRT#: 3	SEX: Male	DAY ON TEST:	
	DOSE: 20 PPM	DISP: Natural Death	HISTO:	
OBSERVATIONS				
Kidney		Inflammation, Chronic		
Pancreas	Islets	Islet-Cell Adenoma		
Pituitary gland		Carcinoma, Nos		
Testis		Interstitial-Cell Tumor		
Unspecified	Multiple Organs Nos	Leukemia, Nos		
PRIMARY CAUSE OF DEATH	-			

^{*} PROTOCOL REQUIRED TISSUE

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos
CAS Number: 56-72-4

Date Report Requested: 10/26/2014 Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Rat/F344

ANIMAL ID: 3_026	TRT#: 3	SEX: Male	DAY ON TEST:	
	DOSE: 20 PPM	DISP: Moribund Sacrifice	HISTO:	
OBSERVATIONS				
Adrenal gland		Pheochromocytoma		
Kidney		Inflammation, Chronic		
Pituitary gland		Chromophobe Adenoma		
Stomach		Ulcer, Chronic		
PRIMARY CAUSE OF DEATH	-			

^{*} PROTOCOL REQUIRED TISSUE

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos
CAS Number: 56-72-4

Date Report Requested: 10/26/2014
Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Rat/F344

ANIMAL ID: 3_027	TRT#: 3	SEX: Male	DAY ON TEST:	
	DOSE: 20 PPM	DISP: Scheduled Sacrifice	HISTO:	
OBSERVATIONS				
Kidney		Inflammation, Chronic		
Testis		Interstitial-Cell Tumor		

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos

CAS Number: 56-72-4

Date Report Requested: 10/26/2014
Time Report Requested: 12:18:01

First Dana M/Fable (NA

First Dose M/F: NA / NA

Lab: NA

Route: Dosed-Feed Species/Strain: Rat/F344

Test Type: Long-Term

ANIMAL ID: 3_028	TRT#: 3 DOSE : 20 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:	
OBSERVATIONS				
Testis		Interstitial-Cell Tumor		
Unspecified	Multiple Organs Nos	Leukemia, Monocytic		
PRIMARY CAUSE OF DEATH	-			

Test Type: Long-Term
Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos
CAS Number: 56-72-4

Date Report Requested: 10/26/2014
Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_029	TRT#: 3 DOSE: 20 PPM	SEX: Male DISP: Natural Death	DAY ON TEST: HISTO:	
OBSERVATIONS				
Adrenal gland		Pheochromocytoma		
Heart	Myocardium Nos	Degeneration, Nos		
Kidney		Inflammation, Chronic		
Testis		Interstitial-Cell Tumor		
PRIMARY CAUSE OF DEATH	-			

^{*} PROTOCOL REQUIRED TISSUE

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos
CAS Number: 56-72-4

Date Report Requested: 10/26/2014
Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Rat/F344

ANIMAL ID: 3_030	TRT#: 3 DOSE: 20 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:	
OBSERVATIONS				
Kidney		Inflammation, Chronic		
Testis		Interstitial-Cell Tumor		
PRIMARY CAUSE OF DEATH	-			

Test Type: Long-Term
Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos
CAS Number: 56-72-4

Date Report Requested: 10/26/2014
Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_031	TRT#: 3 DOSE: 20 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:	
OBSERVATIONS				
Kidney		Hyperplasia, Focal		
		Inflammation, Chronic		
Pancreas	Islets	Islet-Cell Adenoma		
Testis		Interstitial-Cell Tumor		
PRIMARY CAUSE OF DEATH	-			

^{*} PROTOCOL REQUIRED TISSUE

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos
CAS Number: 56-72-4

Date Report Requested: 10/26/2014 Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Rat/F344

Test Type: Long-Term

Route: Dosed-Feed

ANIMAL ID: 3_032	TRT#: 3	SEX: Male	DAY ON TEST:	
	DOSE: 20 PPM	DISP: Moribund Sacrifice	HISTO:	
OBSERVATIONS				
Kidney		Inflammation, Chronic		
Mammary gland		Dysplasia, Nos		
Pituitary gland		Chromophobe Adenoma		
PRIMARY CAUSE OF DEATH	-			

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos
CAS Number: 56-72-4

Date Report Requested: 10/26/2014
Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Rat/F344

ANIMAL ID: 3_033	TRT#: 3 DOSE: 20 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:
OBSERVATIONS			
Kidney		Inflammation, Chronic	
Testis		Interstitial-Cell Tumor	
PRIMARY CAUSE OF DEATH	-		

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos
CAS Number: 56-72-4

Date Report Requested: 10/26/2014 Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Rat/F344

Test Type: Long-Term

ANIMAL ID: 3_034	TRT#: 3	SEX: Male	DAY ON TEST:	
	DOSE: 20 PPM	DISP: Scheduled Sacrifice	HISTO:	
OBSERVATIONS				
Kidney		Inflammation, Chronic		
Pituitary gland		Chromophobe Adenoma		
Testis		Interstitial-Cell Tumor		

^{*} PROTOCOL REQUIRED TISSUE

Test Type: Long-Term
Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos
CAS Number: 56-72-4

Date Report Requested: 10/26/2014
Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_035	TRT#: 3	SEX: Male	DAY ON TEST:	
	DOSE: 20 PPM	DISP: Moribund Sacrifice	HISTO:	
OBSERVATIONS				
Kidney		Inflammation, Chronic		
Liver	Bile Duct	Hyperplasia, Nos		
Pituitary gland		Chromophobe Adenoma		
Testis		Interstitial-Cell Tumor		
Unspecified	Multiple Organs Nos	Leukemia, Monocytic		
PRIMARY CAUSE OF DEATH	-			

^{*} PROTOCOL REQUIRED TISSUE

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos
CAS Number: 56-72-4

Date Report Requested: 10/26/2014
Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Rat/F344

Test Type: Long-Term

ANIMAL ID: 3_036	TRT#: 3	SEX: Male	DAY ON TEST:	
	DOSE: 20 PPM	DISP: Scheduled Sacrifice	HISTO:	
OBSERVATIONS				
Kidney		Inflammation, Chronic		
Liver		Neoplastic Nodule		
Testis		Interstitial-Cell Tumor		

^{*} PROTOCOL REQUIRED TISSUE

Test Type: Long-Term

Route: Dosed-Feed Species/Strain: Rat/F344

Unspecified

PRIMARY CAUSE OF DEATH

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos

CAS Number: 56-72-4

Leukemia, Monocytic

Date Report Requested: 10/26/2014 Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_037

TRT#: 3

DOSE: 20 PPM

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Skin

Testis

Basal-Cell Tumor
Interstitial-Cell Tumor

Multiple Organs Nos

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos
CAS Number: 56-72-4

Date Report Requested: 10/26/2014
Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Rat/F344

ANIMAL ID: 3_038	TRT#: 3 DOSE: 20 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:	
OBSERVATIONS				
Kidney		Inflammation, Chronic		
Pituitary gland		Hemorrhage		
Testis		Interstitial-Cell Tumor		
PRIMARY CAUSE OF DEATH	-			

^{*} PROTOCOL REQUIRED TISSUE

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos
CAS Number: 56-72-4

Time Report Requested: 12:18:01

Date Report Requested: 10/26/2014

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Rat/F344

ANIMAL ID: 3_039	TRT#: 3	SEX: Male	DAY ON TEST:	
	DOSE: 20 PPM	DISP: Moribund Sacrifice	HISTO:	
OBSERVATIONS				
Kidney		Inflammation, Chronic		
Testis		Interstitial-Cell Tumor		
Unspecified	Multiple Organs Nos	Leukemia, Nos		
PRIMARY CAUSE OF DEATH	-			

^{*} PROTOCOL REQUIRED TISSUE

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos
CAS Number: 56-72-4

Date Report Requested: 10/26/2014
Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Rat/F344

ANIMAL ID: 3_040	TRT#: 3	SEX: Male	DAY ON TEST:	
	DOSE: 20 PPM	DISP: Scheduled Sacrifice	HISTO:	
OBSERVATIONS				
Kidney		Inflammation, Chronic		
Testis		Interstitial-Cell Tumor		
PRIMARY CALISE OF DEATH	_			

Test Type: Long-Term
Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos
CAS Number: 56-72-4

Date Report Requested: 10/26/2014
Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_041	TRT#: 3 DOSE: 20 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:	
OBSERVATIONS				
Kidney		Inflammation, Chronic		
Liver	Bile Duct	Inflammation, Chronic		
Testis		Interstitial-Cell Tumor		
Unspecified	Multiple Organs Nos	Leukemia, Monocytic		
PRIMARY CAUSE OF DEATH	-			

^{*} PROTOCOL REQUIRED TISSUE

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos
CAS Number: 56-72-4

Date Report Requested: 10/26/2014 Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Rat/F344

Test Type: Long-Term

		0=V	DAY 611 7707	
ANIMAL ID: 3_042	TRT#: 3	SEX: Male	DAY ON TEST:	
	DOSE: 20 PPM	DISP: Scheduled Sacrifice	HISTO:	
OBSERVATIONS				
Kidney		Inflammation, Chronic		
Liver	Bile Duct	Inflammation, Chronic		
Testis		Interstitial-Cell Tumor		
PRIMARY CAUSE OF DEATH	-			

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos
CAS Number: 56-72-4

Date Report Requested: 10/26/2014
Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Rat/F344

ANIMAL ID: 3_043	TRT#: 3 DOSE: 20 PPM	SEX: Male DISP: Scheduled Sacrifice	DAY ON TEST: HISTO:	
OBSERVATIONS	5001. 2011 W	Did : conteduct damine		
Kidney		Inflammation, Chronic		
Testis		Interstitial-Cell Tumor		
PRIMARY CAUSE OF DEATH	-			

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos
CAS Number: 56-72-4

Date Report Requested: 10/26/2014 Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Rat/F344

Test Type: Long-Term

ANIMAL ID: 3_044	TRT#: 3	SEX: Male	DAY ON TEST:	
	DOSE: 20 PPM	DISP: Scheduled Sacrifice	HISTO:	
OBSERVATIONS				
Heart	Myocardium Nos	Fibrosis, Focal		
Kidney		Inflammation, Chronic		
Testis		Interstitial-Cell Tumor		
PRIMARY CAUSE OF DEATH	-			

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos
CAS Number: 56-72-4

Date Report Requested: 10/26/2014 Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Rat/F344

Test Type: Long-Term

ANIMAL ID: 3 045	TRT#: 3	SEX: Male	DAY ON TEST:	
7	DOSE: 20 PPM	DISP: Scheduled Sacrifice	HISTO:	
OBSERVATIONS		2.0.1 00.1000.000		
Kidney		Inflammation, Chronic		
Pituitary gland		Hyperplasia, Focal		
Testis		Interstitial-Cell Tumor		
Unspecified	Multiple Organs Nos	Leukemia, Monocytic		
PRIMARY CAUSE OF DEATH	-			

^{*} PROTOCOL REQUIRED TISSUE

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos
CAS Number: 56-72-4

Date Report Requested: 10/26/2014
Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

Species/Strain: Rat/F344

Test Type: Long-Term

ANIMAL ID: 3_046	TRT#: 3 DOSE : 20 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:	
OBSERVATIONS				
Kidney	Cortex	Infarct, Nos		
Testis		Interstitial-Cell Tumor		
PRIMARY CAUSE OF DEATH	-			

^{*} PROTOCOL REQUIRED TISSUE

Test Type: Long-Term
Route: Dosed-Feed

Species/Strain: Rat/F344

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos
CAS Number: 56-72-4

Date Report Requested: 10/26/2014
Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

ANIMAL ID: 3_047	TRT#: 3 DOSE: 20 PPM	SEX: Male DISP: Moribund Sacrifice	DAY ON TEST: HISTO:	
OBSERVATIONS				
Kidney		Inflammation, Chronic		
Pituitary gland		Chromophobe Adenoma		
Testis		Interstitial-Cell Tumor		

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos **CAS Number:** 56-72-4

Date Report Requested: 10/26/2014 Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

DAY ON TEST:

Species/Strain: Rat/F344

Test Type: Long-Term

Route: Dosed-Feed

ANIMAL ID: 3_048 **TRT#:** 3

DOSE: 20 PPM

Multiple Organs Nos

SEX: Male

DISP: Moribund Sacrifice

HISTO:

OBSERVATIONS

Kidney Testis Unspecified Inflammation, Chronic Interstitial-Cell Tumor

Leukemia, Nos

PRIMARY CAUSE OF DEATH

Test Type: Long-Term

Species/Strain: Rat/F344

Route: Dosed-Feed

P14: INDIVIDUAL ANIMAL PATHOLOGY DATA

Test Compound: Coumaphos **CAS Number: 56-72-4**

Date Report Requested: 10/26/2014 Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

DAY ON TEST: **TRT#:** 3 **ANIMAL ID:** 3_049 SEX: Male DOSE: 20 PPM **DISP:** Scheduled Sacrifice HISTO: **OBSERVATIONS**

Inflammation, Chronic Kidney Interstitial-Cell Tumor Testis

PRIMARY CAUSE OF DEATH

Test Type: Long-Term

Route: Dosed-Feed Species/Strain: Rat/F344 P14: INDIVIDUAL ANIMAL PATHOLOGY DATA **Test Compound:** Coumaphos

CAS Number: 56-72-4

Date Report Requested: 10/26/2014

Time Report Requested: 12:18:01

First Dose M/F: NA / NA

Lab: NA

DAY ON TEST:

ANIMAL ID: 3_050 **TRT#:** 3

DOSE: 20 PPM

SEX: Male

DISP: Scheduled Sacrifice

HISTO:

OBSERVATIONS

Inflammation, Chronic Kidney Pituitary gland Hyperplasia, Focal Interstitial-Cell Tumor Testis Unspecified Multiple Organs Nos Leukemia, Monocytic

PRIMARY CAUSE OF DEATH

^{**} END OF REPORT **