

Study Number: MOG003B

Test Type: MOG

Route: Dosing in Feed

Species/Strain: Rat/Sprague-Dawley

C Number:

Study Gender:

PWG Approval Date

PA05R: Incidence Rates of Neoplastic Lesions with Litter Incidence (Systemic Lesions Abridged)

Test Compound: 2-Ethylhexyl p-Methoxycinnamate

CAS Number: 5466-77-3

MOG003B

Both

See web page for date of PWG Approval

Date Report Requested: 01/14/2020

Time Report Requested: 10:29:14

Lab: RTI

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	F0 Female			
	Treatment Groups (ppm)			
	0	1000	3000	6000
Disposition Summary				
Animals Initially In Study	26	26	26	26
Scheduled Sacrifice				
Early Deaths				
Unscheduled Sacrifice	1			1
Scheduled Deaths				
Scheduled sacrifice, terminal (LD 28, SD 24 - 27)	25	26	26	25
Animals Examined Microscopically	3		1	1
ALIMENTARY SYSTEM				
LIVER	(3)	(0)	(0)	(0)
CARDIOVASCULAR SYSTEM				
No Tissues/Organs Examined				
ENDOCRINE SYSTEM				
No Tissues/Organs Examined				
GENERAL BODY SYSTEM				
No Tissues/Organs Examined				
GENITAL SYSTEM				
UTERINE HORN	(0)	(0)	(1)	(0)
HEMATOLYMPHOID SYSTEM				
No Tissues/Organs Examined				
INTEGUMENTARY SYSTEM				
No Tissues/Organs Examined				
MUSCULOSKELETAL SYSTEM				
No Tissues/Organs Examined				
NERVOUS SYSTEM				
No Tissues/Organs Examined				

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	F0 Female			
	Treatment Groups (ppm)			
	0	1000	3000	6000
RESPIRATORY SYSTEM				
No Tissues/Organs Examined				
SPECIAL SENSES SYSTEM				
EYES	(0)	(0)	(0)	(1)
URINARY SYSTEM				
No Tissues/Organs Examined				
No Systemic Lesions				

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Tumor Summary Data for F0 Female	Treatment Groups (ppm)			
	0	1000	3000	6000
Total Animals with Primary Neoplasms	0	0	0	0
Total Primary Neoplasms	0	0	0	0
Total Animals with Benign Neoplasms	0	0	0	0
Total Benign Neoplasms	0	0	0	0
Total Animals with Malignant Neoplasms	0	0	0	0
Total Malignant Neoplasms	0	0	0	0
Total Animals with Metastatic Neoplasms	0	0	0	0
Total Metastatic Neoplasms	0	0	0	0
Total Animals with Malignant Neoplasms Uncertain Primary Site	0	0	0	0

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Date Report Requested: 01/14/2020
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F1 Male: Subchronic Male

	Treatment Groups (ppm)			
	0	1000	3000	6000
Disposition Summary				
Animals Initially In Study	10	10	10	10
Scheduled Sacrifice				
Early Deaths				
Scheduled Deaths				
Scheduled sacrifice, terminal (PND 110 - 112)	10	10	10	10
Animals Examined Microscopically	10	1	2	10
Total number litters	10	1	2	10
ALIMENTARY SYSTEM				
ESOPHAGUS	(10)	(0)	(0)	(10)
INTESTINE, CECUM	(10)	(0)	(0)	(10)
INTESTINE, COLON	(10)	(0)	(0)	(10)
INTESTINE, DUODENUM	(10)	(0)	(0)	(10)
INTESTINE, ILEUM	(10)	(0)	(0)	(10)
INTESTINE, JEJUNUM	(10)	(0)	(0)	(10)
INTESTINE, RECTUM	(10)	(0)	(0)	(10)
LIVER	(10)	(0)	(1)	(10)
PANCREAS	(10)	(0)	(0)	(10)
SALIVARY GLANDS	(10)	(0)	(0)	(10)
STOMACH, FORESTOMACH	(10)	(0)	(0)	(10)
STOMACH, GLANDULAR	(10)	(0)	(0)	(10)
CARDIOVASCULAR SYSTEM				
AORTA	(10)	(0)	(0)	(10)
HEART	(10)	(0)	(0)	(10)

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Lab: RTI

F1 Male: Subchronic Male

	Treatment Groups (ppm)			
	0	1000	3000	6000
ENDOCRINE SYSTEM				
ADRENAL CORTEX	(10)	(0)	(0)	(10)
ADRENAL MEDULLA	(10)	(0)	(0)	(10)
PARATHYROID GLANDS	(10)	(0)	(0)	(10)
PITUITARY GLAND	(10)	(0)	(0)	(10)
THYROID GLANDS	(10)	(0)	(0)	(10)
GENERAL BODY SYSTEM				
No Tissues/Organs Examined				
GENITAL SYSTEM				
COAGULATING GLANDS	(10)	(0)	(0)	(10)
DORSAL PROSTATE	(10)	(0)	(0)	(10)
EPIDIDYMIDES	(10)	(1)	(0)	(10)
PREPUTIAL GLANDS	(10)	(0)	(0)	(10)
SEMINAL VESICLES	(10)	(0)	(0)	(10)
TESTES	(10)	(1)	(0)	(10)
VENTRAL PROSTATE	(10)	(0)	(0)	(10)
HEMATOLYMPHOID SYSTEM				
BONE MARROW, FEMUR	(10)	(0)	(0)	(10)
LYMPH NODE, MANDIBULAR	(10)	(0)	(0)	(10)
LYMPH NODE, MESENTERIC	(10)	(0)	(0)	(9)
SPLEEN	(10)	(0)	(0)	(10)
THYMUS	(10)	(0)	(0)	(10)
INTEGUMENTARY SYSTEM				
MAMMARY GLANDS	(7)	(0)	(0)	(9)
SKIN	(10)	(0)	(0)	(10)

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PA05R: Incidence Rates of Neoplastic Lesions with Litter Incidence (Systemic Lesions Abridged)

Test Compound: 2-Ethylhexyl p-Methoxycinnamate
CAS Number: 5466-77-3

Date Report Requested: 01/14/2020
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Lab: RTI

F1 Male: Subchronic Male

	Treatment Groups (ppm)			
	0	1000	3000	6000
MUSCULOSKELETAL SYSTEM				
BONE, FEMUR	(10)	(0)	(0)	(10)
NASAL TURBINATES	(10)	(0)	(0)	(9)
NERVOUS SYSTEM				
BRAIN	(10)	(0)	(0)	(10)
RESPIRATORY SYSTEM				
LUNG	(10)	(0)	(0)	(10)
NOSE	(0)	(0)	(0)	(1)
TRACHEA	(10)	(0)	(0)	(10)
SPECIAL SENSES SYSTEM				
EYES	(10)	(0)	(0)	(10)
HARDERIAN GLANDS	(10)	(0)	(0)	(10)
ZYMBALS GLANDS	(10)	(0)	(0)	(10)
URINARY SYSTEM				
KIDNEYS	(10)	(0)	(1)	(10)
URINARY BLADDER	(10)	(0)	(0)	(10)
No Systemic Lesions				

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Tumor Summary Data for F1 Male Subchronic Male	Treatment Groups (ppm)			
	0	1000	3000	6000
Total Animals with Primary Neoplasms	0	0	0	0
Total Primary Neoplasms	0	0	0	0
Total Animals with Benign Neoplasms	0	0	0	0
Total Benign Neoplasms	0	0	0	0
Total Animals with Malignant Neoplasms	0	0	0	0
Total Malignant Neoplasms	0	0	0	0
Total Animals with Metastatic Neoplasms	0	0	0	0
Total Metastatic Neoplasms	0	0	0	0
Total Animals with Malignant Neoplasms Uncertain Primary Site	0	0	0	0

Study Number: MOG003B
 Test Type: MOG
 Route: Dosing in Feed
 Species/Strain: Rat/Sprague-Dawley

PA05R: Incidence Rates of Neoplastic Lesions with Litter Incidence (Systemic Lesions Abridged)

Test Compound: 2-Ethylhexyl p-Methoxycinnamate
 CAS Number: 5466-77-3

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F1 Female: Subchronic Female

	Treatment Groups (ppm)			
	0	1000	3000	6000
Disposition Summary				
Animals Initially In Study	10	10	10	10
Scheduled Sacrifice				
Early Deaths				
Scheduled Deaths				
Scheduled sacrifice, terminal (PND 111 - 113)	10	10	10	10
Animals Examined Microscopically	10	3	3	10
Total number litters	10	3	3	10
ALIMENTARY SYSTEM				
ESOPHAGUS	(10)	(0)	(0)	(10)
INTESTINE, CECUM	(10)	(0)	(0)	(10)
INTESTINE, COLON	(10)	(0)	(0)	(10)
INTESTINE, DUODENUM	(10)	(0)	(0)	(10)
INTESTINE, ILEUM	(10)	(0)	(0)	(10)
INTESTINE, JEJUNUM	(10)	(0)	(0)	(10)
INTESTINE, RECTUM	(10)	(0)	(0)	(10)
LIVER	(10)	(0)	(1)	(10)
PANCREAS	(10)	(0)	(0)	(10)
SALIVARY GLANDS	(10)	(1)	(0)	(10)
PAROTID; ADENOCARCINOMA		1 (100%) [1]		
STOMACH, FORESTOMACH	(10)	(0)	(0)	(10)
STOMACH, GLANDULAR	(10)	(0)	(0)	(10)
CARDIOVASCULAR SYSTEM				
AORTA	(10)	(0)	(0)	(10)
HEART	(10)	(0)	(0)	(10)

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Test Compound: 2-Ethylhexyl p-Methoxycinnamate
CAS Number: 5466-77-3

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F1 Female: Subchronic Female

	Treatment Groups (ppm)			
	0	1000	3000	6000
ENDOCRINE SYSTEM				
ADRENAL CORTEX	(10)	(0)	(0)	(10)
ADRENAL MEDULLA	(10)	(0)	(0)	(10)
PARATHYROID GLANDS	(10)	(0)	(0)	(10)
PITUITARY GLAND	(10)	(0)	(0)	(10)
THYROID GLANDS	(10)	(0)	(0)	(10)
GENERAL BODY SYSTEM				
No Tissues/Organs Examined				
GENITAL SYSTEM				
CERVIX	(10)	(0)	(0)	(10)
CLITORAL GLANDS	(10)	(2)	(2)	(10)
OVARIES	(10)	(0)	(0)	(10)
UTERINE HORN	(10)	(0)	(0)	(10)
UTERUS	(10)	(0)	(0)	(10)
VAGINA	(10)	(0)	(0)	(10)
HEMATOLYMPHOID SYSTEM				
BONE MARROW, FEMUR	(10)	(0)	(0)	(10)
LYMPH NODE, MANDIBULAR	(10)	(0)	(0)	(10)
LYMPH NODE, MESENTERIC	(10)	(0)	(0)	(10)
SPLEEN	(10)	(0)	(0)	(10)
THYMUS	(10)	(0)	(0)	(10)
INTEGUMENTARY SYSTEM				
MAMMARY GLANDS	(10)	(0)	(0)	(10)
SKIN	(10)	(0)	(0)	(10)
MUSCULOSKELETAL SYSTEM				
BONE, FEMUR	(10)	(0)	(0)	(10)
NASAL TURBINATES	(9)	(0)	(0)	(10)

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F1 Female: Subchronic Female

	Treatment Groups (ppm)			
	0	1000	3000	6000
NERVOUS SYSTEM				
BRAIN	(10)	(0)	(0)	(10)
RESPIRATORY SYSTEM				
LUNG	(10)	(0)	(0)	(10)
NOSE	(1)	(0)	(0)	(0)
TRACHEA	(10)	(0)	(0)	(10)
SPECIAL SENSES SYSTEM				
EYES	(10)	(0)	(0)	(10)
HARDERIAN GLANDS	(10)	(0)	(0)	(10)
ZYMALS GLANDS	(10)	(0)	(0)	(9)
URINARY SYSTEM				
KIDNEYS	(10)	(0)	(0)	(10)
URINARY BLADDER	(9)	(0)	(0)	(10)
SYSTEMIC LESIONS				
Multiple Organ(a)	(0)	(0)	(0)	(1)
HISTIOCYTIC SARCOMA				1 (100%) [1]

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Tumor Summary Data for F1 Female Subchronic Female

	Treatment Groups (ppm)			
	0	1000	3000	6000
Total Animals with Primary Neoplasms	0	0	0	0
Total Primary Neoplasms	0	0	0	0
Total Animals with Benign Neoplasms	0	0	0	0
Total Benign Neoplasms	0	0	0	0
Total Animals with Malignant Neoplasms	0	1	0	1
Total Malignant Neoplasms	0	1	0	1
Total Animals with Metastatic Neoplasms	0	0	0	0
Total Metastatic Neoplasms	0	0	0	0
Total Animals with Malignant Neoplasms Uncertain Primary Site	0	0	0	0

Study Number: MOG003B
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F1 Male: Prenatal Male

	Treatment Groups (ppm)			
	0	1000	3000	6000
Disposition Summary				
Animals Initially In Study	21	23	20	22
Scheduled Sacrifice				
Early Deaths				
Unscheduled Sacrifice			1	
Scheduled Deaths				
Scheduled sacrifice, terminal (PND 112 - 114)	21	23	19	22
Animals Examined Microscopically	5	3	2	2
Total number litters	5	3	2	2
ALIMENTARY SYSTEM				
No Tissues/Organs Examined				
CARDIOVASCULAR SYSTEM				
No Tissues/Organs Examined				
ENDOCRINE SYSTEM				
No Tissues/Organs Examined				
GENERAL BODY SYSTEM				
No Tissues/Organs Examined				
GENITAL SYSTEM				
COWPERS GLANDS	(0)	(0)	(0)	(1)
LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	(2)	(2)	(0)	(0)
HEMATOLYMPHOID SYSTEM				
No Tissues/Organs Examined				
INTEGUMENTARY SYSTEM				
No Tissues/Organs Examined				
MUSCULOSKELETAL SYSTEM				
No Tissues/Organs Examined				

Study Number: MOG003B
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Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

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F1 Male: Prenatal Male

Treatment Groups (ppm)

0

1000

3000

6000

NERVOUS SYSTEM

No Tissues/Organs Examined

RESPIRATORY SYSTEM

No Tissues/Organs Examined

SPECIAL SENSES SYSTEM

No Tissues/Organs Examined

URINARY SYSTEM

KIDNEYS

(3)

(1)

(2)

(1)

No Systemic Lesions

Study Number: MOG003B
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Species/Strain: Rat/Sprague-Dawley

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Tumor Summary Data for F1 Male Prenatal Male

	Treatment Groups (ppm)			
	0	1000	3000	6000
Total Animals with Primary Neoplasms	0	0	0	0
Total Primary Neoplasms	0	0	0	0
Total Animals with Benign Neoplasms	0	0	0	0
Total Benign Neoplasms	0	0	0	0
Total Animals with Malignant Neoplasms	0	0	0	0
Total Malignant Neoplasms	0	0	0	0
Total Animals with Metastatic Neoplasms	0	0	0	0
Total Metastatic Neoplasms	0	0	0	0
Total Animals with Malignant Neoplasms Uncertain Primary Site	0	0	0	0

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PA05R: Incidence Rates of Neoplastic Lesions with Litter Incidence (Systemic Lesions Abridged)

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F1 Female: Prenatal Female

	Treatment Groups (ppm)			
	0	1000	3000	6000
Disposition Summary				
Animals Initially In Study	21	23	19	22
Scheduled Sacrifice				
Early Deaths				
Scheduled Deaths				
Scheduled sacrifice, terminal (GD 21, PND 109 - 132)	21	23	19	22
Animals Examined Microscopically	3		1	1
Total number litters	3		1	1
ALIMENTARY SYSTEM				
LIVER	(3)	(0)	(1)	(0)
CARDIOVASCULAR SYSTEM				
No Tissues/Organs Examined				
ENDOCRINE SYSTEM				
No Tissues/Organs Examined				
GENERAL BODY SYSTEM				
No Tissues/Organs Examined				
GENITAL SYSTEM				
No Tissues/Organs Examined				
HEMATOLYMPHOID SYSTEM				
No Tissues/Organs Examined				
INTEGUMENTARY SYSTEM				
No Tissues/Organs Examined				
MUSCULOSKELETAL SYSTEM				
No Tissues/Organs Examined				
NERVOUS SYSTEM				
No Tissues/Organs Examined				

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F1 Female: Prenatal Female

	Treatment Groups (ppm)			
	0	1000	3000	6000
RESPIRATORY SYSTEM No Tissues/Organs Examined				
SPECIAL SENSES SYSTEM EYES	(0)	(0)	(0)	(1)
URINARY SYSTEM No Tissues/Organs Examined				
No Systemic Lesions				

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Tumor Summary Data for F1 Female Prenatal Female	Treatment Groups (ppm)			
	0	1000	3000	6000
Total Animals with Primary Neoplasms	0	0	0	0
Total Primary Neoplasms	0	0	0	0
Total Animals with Benign Neoplasms	0	0	0	0
Total Benign Neoplasms	0	0	0	0
Total Animals with Malignant Neoplasms	0	0	0	0
Total Malignant Neoplasms	0	0	0	0
Total Animals with Metastatic Neoplasms	0	0	0	0
Total Metastatic Neoplasms	0	0	0	0
Total Animals with Malignant Neoplasms Uncertain Primary Site	0	0	0	0

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F1 Male: Fertility Males

	Treatment Groups (ppm)			
	0	1000	3000	6000
Disposition Summary				
Animals Initially In Study	36	46	35	37
Scheduled Sacrifice				
Early Deaths				
Scheduled Deaths				
Scheduled sacrifice, terminal (PND 160 - 167)	36	46	35	37
Animals Examined Microscopically	36	46	35	37
Total number litters	21	24	19	22
ALIMENTARY SYSTEM				
ESOPHAGUS	(3)	(0)	(0)	(0)
INTESTINE, COLON	(3)	(0)	(0)	(0)
LIVER	(3)	(2)	(1)	(1)
CARDIOVASCULAR SYSTEM				
No Tissues/Organs Examined				
ENDOCRINE SYSTEM				
ADRENAL CORTEX	(36)	(0)	(0)	(37)
ADRENAL MEDULLA	(36)	(0)	(0)	(37)
PITUITARY GLAND	(36)	(0)	(0)	(37)
THYROID GLANDS	(36)	(0)	(0)	(37)
GENERAL BODY SYSTEM				
No Tissues/Organs Examined				

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 Species/Strain: Rat/Sprague-Dawley

PA05R: Incidence Rates of Neoplastic Lesions with Litter Incidence (Systemic Lesions Abridged)

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 Lab: RTI

F1 Male: Fertility Males

	Treatment Groups (ppm)			
	0	1000	3000	6000
GENITAL SYSTEM				
COAGULATING GLANDS	(36)	(46)	(35)	(37)
COWPERS GLANDS	(36)	(3)	(0)	(37)
DORSAL PROSTATE	(36)	(46)	(35)	(37)
EPIDIDYMIDES	(36)	(46)	(35)	(37)
LEVATOR ANI PLUS BULBOCAVERNOSUS MUSCLE	(36)	(0)	(0)	(37)
PREPUTIAL GLANDS	(36)	(6)	(2)	(37)
SEMINAL VESICLES	(36)	(46)	(35)	(37)
TESTES	(36)	(46)	(35)	(37)
VENTRAL PROSTATE	(36)	(46)	(35)	(37)
HEMATOLYMPHOID SYSTEM				
LYMPH NODE, CERVICAL	(2)	(1)	(0)	(0)
INTEGUMENTARY SYSTEM				
SKIN	(0)	(1)	(0)	(0)
MUSCULOSKELETAL SYSTEM				
LIMB	(2)	(0)	(0)	(0)
NERVOUS SYSTEM				
No Tissues/Organs Examined				
RESPIRATORY SYSTEM				
LUNG	(3)	(0)	(0)	(0)
SPECIAL SENSES SYSTEM				
No Tissues/Organs Examined				
URINARY SYSTEM				
KIDNEYS	(3)	(1)	(2)	(0)
No Systemic Lesions				

Study Number: MOG003B
Test Type: MOG
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA05R: Incidence Rates of Neoplastic Lesions with Litter Incidence (Systemic Lesions Abridged)

Test Compound: 2-Ethylhexyl p-Methoxycinnamate
CAS Number: 5466-77-3

Date Report Requested: 01/14/2020
Time Report Requested: 10:29:14
Lab: RTI

Tumor Summary Data for F1 Male Fertility Males

	Treatment Groups (ppm)			
	0	1000	3000	6000
Total Animals with Primary Neoplasms	0	0	0	0
Total Primary Neoplasms	0	0	0	0
Total Animals with Benign Neoplasms	0	0	0	0
Total Benign Neoplasms	0	0	0	0
Total Animals with Malignant Neoplasms	0	0	0	0
Total Malignant Neoplasms	0	0	0	0
Total Animals with Metastatic Neoplasms	0	0	0	0
Total Metastatic Neoplasms	0	0	0	0
Total Animals with Malignant Neoplasms Uncertain Primary Site	0	0	0	0

Study Number: MOG003B
 Test Type: MOG
 Route: Dosing in Feed
 Species/Strain: Rat/Sprague-Dawley

PA05R: Incidence Rates of Neoplastic Lesions with Litter Incidence (Systemic Lesions Abridged)

Test Compound: 2-Ethylhexyl p-Methoxycinnamate
 CAS Number: 5466-77-3

Date Report Requested: 01/14/2020
 Time Report Requested: 10:29:14
 Lab: RTI

F1 Female: Fertility Females

	Treatment Groups (ppm)			
	0	1000	3000	6000
Disposition Summary				
Animals Initially In Study	36	46	35	38
Scheduled Sacrifice				
Early Deaths				
Euthanized, moribund				1
Unscheduled Sacrifice			1	
Scheduled Deaths				
Scheduled sacrifice, terminal (GD 44 - 49, LD 14 - 28, PND 151 - 154)	36	46	34	37
Animals Examined Microscopically	32	5	2	25
Total number litters	19	5	2	19
ALIMENTARY SYSTEM				
LIVER	(4)	(0)	(0)	(1)
CARDIOVASCULAR SYSTEM				
HEART	(2)	(0)	(1)	(0)
ENDOCRINE SYSTEM				
ADRENAL CORTEX	(26)	(0)	(0)	(23)
ADRENAL MEDULLA	(26)	(0)	(0)	(23)
PITUITARY GLAND	(26)	(0)	(0)	(23)
THYROID GLANDS	(26)	(0)	(0)	(23)
GENERAL BODY SYSTEM				
No Tissues/Organs Examined				

Study Number: MOG003B
Test Type: MOG
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA05R: Incidence Rates of Neoplastic Lesions with Litter Incidence (Systemic Lesions Abridged)

Test Compound: 2-Ethylhexyl p-Methoxycinnamate
CAS Number: 5466-77-3

Date Report Requested: 01/14/2020
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Lab: RTI

F1 Female: Fertility Females

	Treatment Groups (ppm)			
	0	1000	3000	6000
GENITAL SYSTEM				
CERVIX	(26)	(0)	(0)	(23)
CLITORAL GLANDS	(2)	(1)	(1)	(0)
OVARIES	(26)	(0)	(0)	(23)
UTERINE HORN	(26)	(1)	(0)	(23)
UTERUS	(26)	(3)	(0)	(23)
VAGINA	(26)	(0)	(0)	(23)
HEMATOLYMPHOID SYSTEM				
No Tissues/Organs Examined				
INTEGUMENTARY SYSTEM				
MAMMARY GLANDS	(2)	(1)	(0)	(0)
ADENOCARCINOMA		1 (100%) [1]		
SKIN	(2)	(0)	(0)	(1)
MUSCULOSKELETAL SYSTEM				
No Tissues/Organs Examined				
NERVOUS SYSTEM				
No Tissues/Organs Examined				
RESPIRATORY SYSTEM				
No Tissues/Organs Examined				
SPECIAL SENSES SYSTEM				
No Tissues/Organs Examined				
URINARY SYSTEM				
KIDNEYS	(2)	(0)	(0)	(1)
No Systemic Lesions				

Study Number: MOG003B
Test Type: MOG
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA05R: Incidence Rates of Neoplastic Lesions with Litter Incidence (Systemic Lesions Abridged)

Test Compound: 2-Ethylhexyl p-Methoxycinnamate
CAS Number: 5466-77-3

Date Report Requested: 01/14/2020
Time Report Requested: 10:29:14
Lab: RTI

Tumor Summary Data for F1 Female Fertility Females

	Treatment Groups (ppm)			
	0	1000	3000	6000
Total Animals with Primary Neoplasms	0	0	0	0
Total Primary Neoplasms	0	0	0	0
Total Animals with Benign Neoplasms	0	0	0	0
Total Benign Neoplasms	0	0	0	0
Total Animals with Malignant Neoplasms	0	1	0	0
Total Malignant Neoplasms	0	1	0	0
Total Animals with Metastatic Neoplasms	0	0	0	0
Total Metastatic Neoplasms	0	0	0	0
Total Animals with Malignant Neoplasms Uncertain Primary Site	0	0	0	0

Study Number: MOG003B
 Test Type: MOG
 Route: Dosing in Feed
 Species/Strain: Rat/Sprague-Dawley

PA05R: Incidence Rates of Neoplastic Lesions with Litter Incidence (Systemic Lesions Abridged)

Test Compound: 2-Ethylhexyl p-Methoxycinnamate
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Date Report Requested: 01/14/2020
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	F2 Male			
	Treatment Groups (ppm)			
	0	1000	3000	6000
Disposition Summary				
Animals Initially In Study	94	135	86	96
Scheduled Sacrifice				
Early Deaths				
Scheduled Deaths				
Scheduled sacrifice, terminal (PND 28)	94	135	86	96
Animals Examined Microscopically	8	3	2	6
Total number litters	5	3	2	5
ALIMENTARY SYSTEM				
LIVER	(2)	(2)	(0)	(3)
CARDIOVASCULAR SYSTEM				
No Tissues/Organs Examined				
ENDOCRINE SYSTEM				
No Tissues/Organs Examined				
GENERAL BODY SYSTEM				
No Tissues/Organs Examined				
GENITAL SYSTEM				
TESTES	(4)	(1)	(2)	(1)
HEMATOLYMPHOID SYSTEM				
LYMPH NODE, AXILLARY	(2)	(0)	(0)	(0)
INTEGUMENTARY SYSTEM				
SKIN	(0)	(0)	(0)	(1)
MUSCULOSKELETAL SYSTEM				
No Tissues/Organs Examined				
NERVOUS SYSTEM				
No Tissues/Organs Examined				

Study Number: MOG003B
Test Type: MOG
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA05R: Incidence Rates of Neoplastic Lesions with Litter Incidence (Systemic Lesions Abridged)

Test Compound: 2-Ethylhexyl p-Methoxycinnamate
CAS Number: 5466-77-3

Date Report Requested: 01/14/2020
Time Report Requested: 10:29:14
Lab: RTI

	F2 Male			
	Treatment Groups (ppm)			
	0	1000	3000	6000
RESPIRATORY SYSTEM				
No Tissues/Organs Examined				
SPECIAL SENSES SYSTEM				
No Tissues/Organs Examined				
URINARY SYSTEM				
KIDNEYS	(2)	(0)	(0)	(1)
No Systemic Lesions				

Study Number: MOG003B
Test Type: MOG
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA05R: Incidence Rates of Neoplastic Lesions with Litter Incidence (Systemic Lesions Abridged)

Test Compound: 2-Ethylhexyl p-Methoxycinnamate
CAS Number: 5466-77-3

Date Report Requested: 01/14/2020
Time Report Requested: 10:29:14
Lab: RTI

Tumor Summary Data for F2 Male	Treatment Groups (ppm)			
	0	1000	3000	6000
Total Animals with Primary Neoplasms	0	0	0	0
Total Primary Neoplasms	0	0	0	0
Total Animals with Benign Neoplasms	0	0	0	0
Total Benign Neoplasms	0	0	0	0
Total Animals with Malignant Neoplasms	0	0	0	0
Total Malignant Neoplasms	0	0	0	0
Total Animals with Metastatic Neoplasms	0	0	0	0
Total Metastatic Neoplasms	0	0	0	0
Total Animals with Malignant Neoplasms Uncertain Primary Site	0	0	0	0

Study Number: MOG003B
 Test Type: MOG
 Route: Dosing in Feed
 Species/Strain: Rat/Sprague-Dawley

PA05R: Incidence Rates of Neoplastic Lesions with Litter Incidence (Systemic Lesions Abridged)

Test Compound: 2-Ethylhexyl p-Methoxycinnamate
 CAS Number: 5466-77-3

Date Report Requested: 01/14/2020
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	F2 Female			
	Treatment Groups (ppm)			
	0	1000	3000	6000
Disposition Summary				
Animals Initially In Study	110	125	85	102
Scheduled Sacrifice				
Early Deaths				
Scheduled Deaths				
Scheduled sacrifice, terminal (PND 28)	110	125	85	102
Animals Examined Microscopically	2		1	1
Total number litters	1		1	1
ALIMENTARY SYSTEM				
LIVER	(2)	(0)	(1)	(1)
CARDIOVASCULAR SYSTEM				
No Tissues/Organs Examined				
ENDOCRINE SYSTEM				
No Tissues/Organs Examined				
GENERAL BODY SYSTEM				
No Tissues/Organs Examined				
GENITAL SYSTEM				
No Tissues/Organs Examined				
HEMATOLYMPHOID SYSTEM				
No Tissues/Organs Examined				
INTEGUMENTARY SYSTEM				
No Tissues/Organs Examined				
MUSCULOSKELETAL SYSTEM				
No Tissues/Organs Examined				
NERVOUS SYSTEM				
No Tissues/Organs Examined				

Study Number: MOG003B
Test Type: MOG
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA05R: Incidence Rates of Neoplastic Lesions with Litter Incidence (Systemic Lesions Abridged)

Test Compound: 2-Ethylhexyl p-Methoxycinnamate
CAS Number: 5466-77-3

Date Report Requested: 01/14/2020
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Lab: RTI

F2 Female

Treatment Groups (ppm)

0

1000

3000

6000

RESPIRATORY SYSTEM

No Tissues/Organs Examined

SPECIAL SENSES SYSTEM

No Tissues/Organs Examined

URINARY SYSTEM

No Tissues/Organs Examined

No Systemic Lesions

Study Number: MOG003B
Test Type: MOG
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA05R: Incidence Rates of Neoplastic Lesions with Litter Incidence (Systemic Lesions Abridged)
Test Compound: 2-Ethylhexyl p-Methoxycinnamate
CAS Number: 5466-77-3

Date Report Requested: 01/14/2020
Time Report Requested: 10:29:14
Lab: RTI

Tumor Summary Data for F2 Female

	Treatment Groups (ppm)			
	0	1000	3000	6000
Total Animals with Primary Neoplasms	0	0	0	0
Total Primary Neoplasms	0	0	0	0
Total Animals with Benign Neoplasms	0	0	0	0
Total Benign Neoplasms	0	0	0	0
Total Animals with Malignant Neoplasms	0	0	0	0
Total Malignant Neoplasms	0	0	0	0
Total Animals with Metastatic Neoplasms	0	0	0	0
Total Metastatic Neoplasms	0	0	0	0
Total Animals with Malignant Neoplasms Uncertain Primary Site	0	0	0	0

Study Number: MOG003B
Test Type: MOG
Route: Dosing in Feed
Species/Strain: Rat/Sprague-Dawley

PA05R: Incidence Rates of Neoplastic Lesions with Litter Incidence (Systemic Lesions Abridged)

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LEGEND

Number of animals examined given for each tissue. If none of the animals examined have the specific lesion then there is a blank for that dose group for that specific lesion.

Number of animals with observation reported with percent incidence in parentheses

Systemic lesions are included once in the total lesion count regardless of how many times they occurred in a single animal

Number of litters with observations shown in square brackets for F1 and F2 animals. F1 litter incidence based on the number of F0 dams; F2 litter incidence based on number of F1 dams.

Phase day range of terminal sacrifice shown in parentheses in disposition summary

SD – Study Day; GD – Gestation Day; LD – Lactation Day; PND – Postnatal Day, adults post-weaning

**** END OF REPORT ****