C Number:

Study Gender:

PWG Approval Date

PA11: Statistical Analysis of Survival Data 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: 10:51:47 Lab: RTI

PA11: Statistical Analysis of Survival Data Test Compound: 2-Ethylhexyl p-Methoxycinnamate CAS Number: 5466-77-3 Date Report Requested: 01/14/2020 Time Report Requested: 10:51:47 Lab: RTI

F0 Females First Terminal Sacrifice at 24 Days Individual Survival Times (Days)

Dose = 0 ppm Total: 26	Uncensored Deaths: 0	Censored Deaths: 0	Terminal: 26
UNCENSORED DEATH DAYS None			
CENSORED DEATH DAYS None			
Dose = 1000 ppm Total: 26 UNCENSORED DEATH DAYS None	Uncensored Deaths: 0	Censored Deaths: 0	Terminal: 26
CENSORED DEATH DAYS			
Dose = 3000 ppm Total: 26	Uncensored Deaths: 0	Censored Deaths: 0	Terminal: 26
UNCENSORED DEATH DAYS None			
CENSORED DEATH DAYS			
Dose = 6000 ppm Total: 26	Uncensored Deaths: 1	Censored Deaths: 0	Terminal: 25
UNCENSORED DEATH DAYS 8			
CENSORED DEATH DAYS None			

PA11: Statistical Analysis of Survival Data Test Compound: 2-Ethylhexyl p-Methoxycinnamate CAS Number: 5466-77-3 Date Report Requested: 01/14/2020 Time Report Requested: 10:51:47 Lab: RTI

F0 Females First Terminal Sacrifice at 24 Days

			Kaplan-Meier Survival Pobability Estimates (%)
Dose (ppm)			Time (Days)
	8	24(A)	
0	100.0	100.0	
1000	100.0	100.0	
3000	100.0	100.0	
6000	96.2	96.2	

PA11: Statistical Analysis of Survival Data Test Compound: 2-Ethylhexyl p-Methoxycinnamate CAS Number: 5466-77-3 Date Report Requested: 01/14/2020 Time Report Requested: 10:51:47 Lab: RTI

F0 Females First Terminal Sacrifice at 24 Days

Survival Summary Statistics				
Dose	0 ppm	1000 ppm	3000 ppm	6000 ppm
Survival At End Of Study	100.0%	100.0%	100.0%	96.2%
(Kaplan-Meier)				
Significance (B)	P=0.383			P=1.000
(Life Table)				
Mean Day Of Natural Deaths (C)				8.0
(Standard Error)	(.)	(.)	(.)	(.)
Mean Life Span (D)	24.0	24.0	24.0	23.4
(Standard Error)	(0.0)	(0.0)	(0.0)	(0.6)

PA11: Statistical Analysis of Survival Data Test Compound: 2-Ethylhexyl p-Methoxycinnamate CAS Number: 5466-77-3 Date Report Requested: 01/14/2020 Time Report Requested: 10:51:47 Lab: RTI

F1 Males: Subchronic Male First Terminal Sacrifice at 110 Days Individual Survival Times (Days)

Dose = 0 ppm			
Total: 10	Uncensored Deaths: 0	Censored Deaths: 0	Terminal: 10
UNCENSORED DEATH DAYS			
None			
CENSORED DEATH DAYS			
None			
Dose = 1000 ppm			
Total: 10	Uncensored Deaths: 0	Censored Deaths: 0	Terminal: 10
UNCENSORED DEATH DAYS			
None			
CENSORED DEATH DAYS			
None			
Dose = 3000 ppm			
Total: 10	Uncensored Deaths: 0	Censored Deaths: 0	Terminal: 10
UNCENSORED DEATH DAYS			
None			
CENSORED DEATH DAYS			
None			
Dose = 6000 ppm			
Total: 10	Uncensored Deaths: 0	Censored Deaths: 0	Terminal: 10
Total: 10	Uncensored Deaths: 0	Censored Deaths: 0	Terminal: 10
	Uncensored Deaths: 0	Censored Deaths: 0	Terminal: 10
Total: 10 UNCENSORED DEATH DAYS	Uncensored Deaths: 0	Censored Deaths: 0	Terminal: 10

PA11: Statistical Analysis of Survival Data Test Compound: 2-Ethylhexyl p-Methoxycinnamate CAS Number: 5466-77-3 Date Report Requested: 01/14/2020 Time Report Requested: 10:51:47 Lab: RTI

F1 Males: Subchronic Male First Terminal Sacrifice at 110 Days

		Kaplan-Meier Survival Pobability Estimates (%)	
Dose (ppm)		Time (Days)	
	110(A)		
0	100.0		
1000	100.0		
3000	100.0		
6000	100.0		

PA11: Statistical Analysis of Survival Data Test Compound: 2-Ethylhexyl p-Methoxycinnamate CAS Number: 5466-77-3 Date Report Requested: 01/14/2020 Time Report Requested: 10:51:47 Lab: RTI

F1 Males: Subchronic Male First Terminal Sacrifice at 110 Days

Survival Summary Statistics				
Dose	0 ppm	1000 ppm	3000 ppm	6000 ppm
Survival At End Of Study	100.0%	100.0%	100.0%	100.0%
(Kaplan-Meier)				
Significance (B)				
(Life Table)				
Mean Day Of Natural Deaths (C)				
(Standard Error)	(.)	(.)	(.)	(.)
Mean Life Span (D)	110.0	110.0	110.0	110.0
(Standard Error)	(0.0)	(0.0)	(0.0)	(0.0)

PA11: Statistical Analysis of Survival Data Test Compound: 2-Ethylhexyl p-Methoxycinnamate CAS Number: 5466-77-3 Date Report Requested: 01/14/2020 Time Report Requested: 10:51:47 Lab: RTI

F1 Females: Subchronic Female First Terminal Sacrifice at 111 Days Individual Survival Times (Days)

Dose = 0 ppm Total: 10 UNCENSORED DEATH DAYS None CENSORED DEATH DAYS	Uncensored Deaths: 0	Censored Deaths: 0	Terminal: 10	
None				
Dose = 1000 ppm Total: 10 UNCENSORED DEATH DAYS None	Uncensored Deaths: 0	Censored Deaths: 0	Terminal: 10	
CENSORED DEATH DAYS None				
Dose = 3000 ppm Total: 10	Uncensored Deaths: 0	Censored Deaths: 0	Terminal: 10	
UNCENSORED DEATH DAYS None				
CENSORED DEATH DAYS				
Dose = 6000 ppm Total: 10	Uncensored Deaths: 0	Censored Deaths: 0	Terminal: 10	
UNCENSORED DEATH DAYS None				
CENSORED DEATH DAYS None				

PA11: Statistical Analysis of Survival Data Test Compound: 2-Ethylhexyl p-Methoxycinnamate CAS Number: 5466-77-3 Date Report Requested: 01/14/2020 Time Report Requested: 10:51:47 Lab: RTI

F1 Females: Subchronic Female First Terminal Sacrifice at 111 Days

		Kaplan-Meier Survival Pobability Estimates (%)	
Dose (ppm)		Time (Days)	
	111(A)		
0	100.0		
1000	100.0		
3000	100.0		
6000	100.0		

PA11: Statistical Analysis of Survival Data Test Compound: 2-Ethylhexyl p-Methoxycinnamate CAS Number: 5466-77-3 Date Report Requested: 01/14/2020 Time Report Requested: 10:51:47 Lab: RTI

F1 Females: Subchronic Female First Terminal Sacrifice at 111 Days

Survival Summary Statistics				
Dose	0 ppm	1000 ppm	3000 ppm	6000 ppm
Survival At End Of Study	100.0%	100.0%	100.0%	100.0%
(Kaplan-Meier)				
Significance (B)				
(Life Table)				
Mean Day Of Natural Deaths (C)				
(Standard Error)	(.)	(.)	(.)	(.)
Mean Life Span (D)	111.0	111.0	111.0	111.0
(Standard Error)	(0.0)	(0.0)	(0.0)	(0.0)

PA11: Statistical Analysis of Survival Data Test Compound: 2-Ethylhexyl p-Methoxycinnamate CAS Number: 5466-77-3 Date Report Requested: 01/14/2020 Time Report Requested: 10:51:47 Lab: RTI

F1 Males: Prenatal Male First Terminal Sacrifice at 112 Days Individual Survival Times (Days)

Dose = 0 ppm Total: 21	Uncensored Deaths: 0	Censored Deaths: 0	Terminal: 21
UNCENSORED DEATH DAYS None			
CENSORED DEATH DAYS			
Dose = 1000 ppm Total: 23	Uncensored Deaths: 0	Censored Deaths: 0	Terminal: 23
UNCENSORED DEATH DAYS None			
CENSORED DEATH DAYS			
Dose = 3000 ppm Total: 20	Uncensored Deaths: 1	Censored Deaths: 0	Terminal: 19
UNCENSORED DEATH DAYS 28			
CENSORED DEATH DAYS			
Dose = 6000 ppm Total: 22	Uncensored Deaths: 0	Censored Deaths: 0	Terminal: 22
UNCENSORED DEATH DAYS None			
CENSORED DEATH DAYS None			

PA11: Statistical Analysis of Survival Data Test Compound: 2-Ethylhexyl p-Methoxycinnamate CAS Number: 5466-77-3 Date Report Requested: 01/14/2020 Time Report Requested: 10:51:47 Lab: RTI

F1 Males: Prenatal Male First Terminal Sacrifice at 112 Days

			Kaplan-Meier Survival Pobability Estimates (%)
Dose (ppm)			Time (Days)
	28	112(A)	
0	100.0	100.0	
1000	100.0	100.0	
3000	95.0	95.0	
6000	100.0	100.0	

PA11: Statistical Analysis of Survival Data Test Compound: 2-Ethylhexyl p-Methoxycinnamate CAS Number: 5466-77-3 Date Report Requested: 01/14/2020 Time Report Requested: 10:51:47 Lab: RTI

F1 Males: Prenatal Male First Terminal Sacrifice at 112 Days

Survival Summary Statistics				
Dose	0 ppm	1000 ppm	3000 ppm	6000 ppm
Survival At End Of Study	100.0%	100.0%	95.0%	100.0%
(Kaplan-Meier)				
Significance (B)	P=1.000		P=1.000	
(Life Table)				
Mean Day Of Natural Deaths (C)			28.0	
(Standard Error)	(.)	(.)	(.)	(.)
Mean Life Span (D)	112.0	112.0	107.8	112.0
(Standard Error)	(0.0)	(0.0)	(4.2)	(0.0)

PA11: Statistical Analysis of Survival Data Test Compound: 2-Ethylhexyl p-Methoxycinnamate CAS Number: 5466-77-3 Date Report Requested: 01/14/2020 Time Report Requested: 10:51:47 Lab: RTI

F1 Females: Prenatal Female First Terminal Sacrifice at 109 Days Individual Survival Times (Days)

Dose = 0 ppm Total: 21	Uncensored Deaths: 0	Censored Deaths: 0	Terminal: 21	
UNCENSORED DEATH DAYS				
CENSORED DEATH DAYS				
Dose = 1000 ppm	Userseed Deather 0	Censored Deaths: 0	Terricel: 22	
Total: 23 UNCENSORED DEATH DAYS None	Uncensored Deaths: 0	Censored Deaths: 0	Terminal: 23	
CENSORED DEATH DAYS				
Dose = 3000 ppm				
Total: 19 UNCENSORED DEATH DAYS	Uncensored Deaths: 0	Censored Deaths: 0	Terminal: 19	
None				
CENSORED DEATH DAYS None				
Dose = 6000 ppm Total: 22	Uncensored Deaths: 0	Censored Deaths: 0	Terminal: 22	
UNCENSORED DEATH DAYS None				
CENSORED DEATH DAYS None				

Date Report Requested: 01/14/2020 Time Report Requested: 10:51:47 Lab: RTI

F1 Females: Prenatal Female First Terminal Sacrifice at 109 Days

		Kaplan-Meier Survival Pobability Estimates (%)	
Dose (ppm)		Time (Days)	
	109(A)		
0	100.0		
1000	100.0		
3000	100.0		
6000	100.0		

PA11: Statistical Analysis of Survival Data Test Compound: 2-Ethylhexyl p-Methoxycinnamate CAS Number: 5466-77-3 Date Report Requested: 01/14/2020 Time Report Requested: 10:51:47 Lab: RTI

F1 Females: Prenatal Female First Terminal Sacrifice at 109 Days

Survival Summary Statistics				
Dose	0 ppm	1000 ppm	3000 ppm	6000 ppm
Survival At End Of Study	100.0%	100.0%	100.0%	100.0%
(Kaplan-Meier)				
Significance (B)				
(Life Table)				
Mean Day Of Natural Deaths (C)				
(Standard Error)	(.)	(.)	(.)	(.)
Mean Life Span (D)	109.0	109.0	109.0	109.0
(Standard Error)	(0.0)	(0.0)	(0.0)	(0.0)

PA11: Statistical Analysis of Survival Data Test Compound: 2-Ethylhexyl p-Methoxycinnamate CAS Number: 5466-77-3 Date Report Requested: 01/14/2020 Time Report Requested: 10:51:47 Lab: RTI

F1 Males: Fertility Males First Terminal Sacrifice at 160 Days Individual Survival Times (Days)

Dose = 0 ppm			
Total: 36	Uncensored Deaths: 0	Censored Deaths: 0	Terminal: 36
UNCENSORED DEATH DAYS			
None			
CENSORED DEATH DAYS			
None			
Dose = 1000 ppm			
Total: 46	Uncensored Deaths: 0	Censored Deaths: 0	Terminal: 46
UNCENSORED DEATH DAYS			
None			
CENSORED DEATH DAYS			
None			
Dose = 3000 ppm			
Total: 35	Uncensored Deaths: 0	Censored Deaths: 0	Terminal: 35
UNCENSORED DEATH DAYS			
None			
CENSORED DEATH DAYS			
None			
Dose = 6000 ppm			
Total: 37	Uncensored Deaths: 0	Censored Deaths: 0	Terminal: 37
UNCENSORED DEATH DAYS None			
CENSORED DEATH DAYS None			

PA11: Statistical Analysis of Survival Data Test Compound: 2-Ethylhexyl p-Methoxycinnamate CAS Number: 5466-77-3 Date Report Requested: 01/14/2020 Time Report Requested: 10:51:47 Lab: RTI

F1 Males: Fertility Males First Terminal Sacrifice at 160 Days

		Kaplan-Meier Survival Pobability Estimates (%)	
Dose (ppm)		Time (Days)	
	160(A)		
0	100.0		
1000	100.0		
3000	100.0		
6000	100.0		

PA11: Statistical Analysis of Survival Data Test Compound: 2-Ethylhexyl p-Methoxycinnamate CAS Number: 5466-77-3 Date Report Requested: 01/14/2020 Time Report Requested: 10:51:47 Lab: RTI

F1 Males: Fertility Males First Terminal Sacrifice at 160 Days

Survival Summary Statistics				
Dose	0 ppm	1000 ppm	3000 ppm	6000 ppm
Survival At End Of Study	100.0%	100.0%	100.0%	100.0%
(Kaplan-Meier)				
Significance (B)				
(Life Table)				
Mean Day Of Natural Deaths (C)				
(Standard Error)	(.)	(.)	(.)	(.)
Mean Life Span (D)	160.0	160.0	160.0	160.0
(Standard Error)	(0.0)	(0.0)	(0.0)	(0.0)

PA11: Statistical Analysis of Survival Data Test Compound: 2-Ethylhexyl p-Methoxycinnamate CAS Number: 5466-77-3 Date Report Requested: 01/14/2020 Time Report Requested: 10:51:47 Lab: RTI

F1 Females: Fertility Females First Terminal Sacrifice at 151 Days Individual Survival Times (Days)

Dose = 0 ppm			
Total: 36	Uncensored Deaths: 0	Censored Deaths: 0	Terminal: 36
UNCENSORED DEATH DAYS			
None			
CENSORED DEATH DAYS			
None			
Dose = 1000 ppm			
Total: 46	Uncensored Deaths: 0	Censored Deaths: 0	Terminal: 46
UNCENSORED DEATH DAYS			
None			
CENSORED DEATH DAYS			
None			
Dose = 3000 ppm			
Total: 35	Uncensored Deaths: 1	Censored Deaths: 0	Terminal: 34
UNCENSORED DEATH DAYS			
139			
CENSORED DEATH DAYS			
None			
Dose = 6000 ppm			
Total: 38	Uncensored Deaths: 1	Censored Deaths: 0	Terminal: 37
UNCENSORED DEATH DAYS			
28			
CENSORED DEATH DAYS			
None			

PA11: Statistical Analysis of Survival Data Test Compound: 2-Ethylhexyl p-Methoxycinnamate CAS Number: 5466-77-3 Date Report Requested: 01/14/2020 Time Report Requested: 10:51:47 Lab: RTI

F1 Females: Fertility Females First Terminal Sacrifice at 151 Days

	Kaplan-Meier Survival Pobability Estimates (%)					
Dose (ppm)				Time (Days)		
	28	139	151(A)			
0	100.0	100.0	100.0			
1000	100.0	100.0	100.0			
3000	100.0	97.1	97.1			
6000	97.4	97.4	97.4			

PA11: Statistical Analysis of Survival Data Test Compound: 2-Ethylhexyl p-Methoxycinnamate CAS Number: 5466-77-3 Date Report Requested: 01/14/2020 Time Report Requested: 10:51:47 Lab: RTI

F1 Females: Fertility Females First Terminal Sacrifice at 151 Days

Survival Summary Statistics				
Dose	0 ppm	1000 ppm	3000 ppm	6000 ppm
Survival At End Of Study	100.0%	100.0%	97.1%	97.4%
(Kaplan-Meier)				
Significance (B)	P=0.250		P=1.000	P=1.000
(Life Table)				
Mean Day Of Natural Deaths (C)			139.0	28.0
(Standard Error)	(.)	(.)	(.)	(.)
Mean Life Span (D)	151.0	151.0	150.7	148.1
(Standard Error)	(0.0)	(0.0)	(0.3)	(2.9)

PA11: Statistical Analysis of Survival Data Test Compound: 2-Ethylhexyl p-Methoxycinnamate CAS Number: 5466-77-3 Date Report Requested: 01/14/2020 Time Report Requested: 10:51:47 Lab: RTI

F2 Males First Terminal Sacrifice at 28 Days Individual Survival Times (Days)

Dose = 0 ppm Total: 94	Uncensored Deaths: 0	Censored Deaths: 0	Terminal: 94	
UNCENSORED DEATH DAYS None				
CENSORED DEATH DAYS				
Dose = 1000 ppm Total: 135	Uncensored Deaths: 0	Censored Deaths: 0	Terminal: 135	
UNCENSORED DEATH DAYS None				
CENSORED DEATH DAYS				
Dose = 3000 ppm Total: 86	Uncensored Deaths: 0	Censored Deaths: 0	Terminal: 86	
UNCENSORED DEATH DAYS None				
CENSORED DEATH DAYS				
Dose = 6000 ppm Total: 96	Uncensored Deaths: 0	Censored Deaths: 0	Terminal: 96	
UNCENSORED DEATH DAYS None				
CENSORED DEATH DAYS				

PA11: Statistical Analysis of Survival Data Test Compound: 2-Ethylhexyl p-Methoxycinnamate CAS Number: 5466-77-3 Date Report Requested: 01/14/2020 Time Report Requested: 10:51:47 Lab: RTI

F2 Males First Terminal Sacrifice at 28 Days

		Kaplan-Meier Survival Pobability Estimates (%)	
Dose (ppm)		Time (Days)	
	28(A)		
0	100.0		
1000	100.0		
3000	100.0		
6000	100.0		

PA11: Statistical Analysis of Survival Data Test Compound: 2-Ethylhexyl p-Methoxycinnamate CAS Number: 5466-77-3 Date Report Requested: 01/14/2020 Time Report Requested: 10:51:47 Lab: RTI

F2 Males First Terminal Sacrifice at 28 Days

Survival Summary Statistics				
Dose	0 ppm	1000 ppm	3000 ppm	6000 ppm
Survival At End Of Study	100.0%	100.0%	100.0%	100.0%
(Kaplan-Meier)				
Significance (B)				
(Life Table)				
Mean Day Of Natural Deaths (C)				
(Standard Error)	(.)	(.)	(.)	(.)
Mean Life Span (D)	28.0	28.0	28.0	28.0
(Standard Error)	(0.0)	(0.0)	(0.0)	(0.0)

PA11: Statistical Analysis of Survival Data Test Compound: 2-Ethylhexyl p-Methoxycinnamate CAS Number: 5466-77-3 Date Report Requested: 01/14/2020 Time Report Requested: 10:51:47 Lab: RTI

F2 Females First Terminal Sacrifice at 28 Days Individual Survival Times (Days)

Dose = 0 ppm Total: 110	Uncensored Deaths: 0	Censored Deaths: 0	Terminal: 110
UNCENSORED DEATH DAYS None			
CENSORED DEATH DAYS None			
Dose = 1000 ppm Total: 125	Uncensored Deaths: 0	Censored Deaths: 0	Terminal: 125
UNCENSORED DEATH DAYS None			
CENSORED DEATH DAYS			
Dose = 3000 ppm Total: 85	Uncensored Deaths: 0	Censored Deaths: 0	Terminal: 85
UNCENSORED DEATH DAYS None			
CENSORED DEATH DAYS			
Dose = 6000 ppm Total: 102	Uncensored Deaths: 0	Censored Deaths: 0	Terminal: 102
UNCENSORED DEATH DAYS None			
CENSORED DEATH DAYS None			

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F2 Females First Terminal Sacrifice at 28 Days

		Kaplan-Meier Survival Pobability Estimates (%)	
Dose (ppm)		Time (Days)	
	28(A)		
0	100.0		
1000	100.0		
3000	100.0		
6000	100.0		

PA11: Statistical Analysis of Survival Data Test Compound: 2-Ethylhexyl p-Methoxycinnamate CAS Number: 5466-77-3 Date Report Requested: 01/14/2020 Time Report Requested: 10:51:47 Lab: RTI

F2 Females First Terminal Sacrifice at 28 Days

Survival Summary Statistics						
Dose	0 ppm	1000 ppm	3000 ppm	6000 ppm		
Survival At End Of Study	100.0%	100.0%	100.0%	100.0%		
(Kaplan-Meier)						
Significance (B)						
(Life Table)						
Mean Day Of Natural Deaths (C)						
(Standard Error)	(.)	(.)	(.)	(.)		
Mean Life Span (D)	28.0	28.0	28.0	28.0		
(Standard Error)	(0.0)	(0.0)	(0.0)	(0.0)		

LEGEND

(A) First Terminal Sacrifice

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- (B) Trend and pairwise analysis was done using Tarone, 1975 for all animals except the Fertility animals. The Fertility animals trend and pairwise analysis was done using a proportional hazards model with Dam ID as a random effect. Pairwise tests included a Hommel adjustment for multiple comparisons. In cases where the model did not converge, Tarone's test was used. The first entry is the trend test result and subsequent entries are the results of the pairwise tests. Negative trends are indicated by "N".
- (C) Mean of all uncensored deaths prior to terminal sacrifice.
- (D) Mean of all deaths (uncensored, censored, terminal sacrifice).

Survival at end of study is calculated as the number of animals alive at the first terminal sacrifice day / number of animals in the dose group.

Pairwise p-values do not include corrections for multiple comparisons.

** END OF REPORT **