

**Study Number:** C15011B-02  
**Test Type:** TOX  
**Route:** Whole-Body Inhalation  
**Species/Strain:** Mouse/B6C3F1/N

**PA46s: Summary of Gross Pathology**

**Test Compound:** 2-Ethyltoluene  
**CAS Number:** 611-14-3

**Date Report Requested:** 10/07/2021

**Time Report Requested:** 11:36:44

**Lab:** Battelle

**Study Number:** C15011B-02  
**Study Gender:** Both  
**PWG Approval Date:** See web page for date of PWG Approval  
**Version:** v1.3.2  
**Stat Version:** v2.7.6A

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	Male					
	Treatment Groups (ppm)					
	0	150	300	600	900	1200
<b>Disposition Summary</b>						
Animals Initially In Study	11	5	5	11	5	5
Censored						
Early Deaths						
Sacrificed, Moribund				11	5	5
Survivors						
Scheduled Sacrifice, Terminal	11	5	5			
Number of Animals Examined	5	5	5	11	5	5
<b>ALIMENTARY SYSTEM</b>						
LIVER	(5)	(5)	(5)	(11)	(5)	(5)
DISCOLORATION; DARK	0			11 (100.0%) **		
<b>CARDIOVASCULAR SYSTEM</b>						
None						
<b>ENDOCRINE SYSTEM</b>						
None						
<b>GENERAL BODY SYSTEM</b>						
None						
<b>GENITAL SYSTEM</b>						
None						
<b>HEMATOLYMPHOID SYSTEM</b>						
None						
<b>INTEGUMENTARY SYSTEM</b>						
None						

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**Male**

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**Treatment Groups (ppm)**

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**0                      150                      300                      600                      900                      1200**

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**MUSCULOSKELETAL SYSTEM**

None

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**NERVOUS SYSTEM**

None

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**RESPIRATORY SYSTEM**

None

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**SPECIAL SENSES SYSTEM**

None

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**URINARY SYSTEM**

KIDNEY, LEFT	(5)	(5)	(5)	(11)	(5)	(5)
DISCOLORATION; PALE				2 (18.2%)		
KIDNEY, RIGHT	(5)	(5)	(5)	(11)	(5)	(5)
DISCOLORATION; PALE				2 (18.2%)		

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Female						
	Treatment Groups (ppm)					
	0	150	300	600	900	1200
<b>Disposition Summary</b>						
Animals Initially In Study	11	5	5	11	5	5
Censored						
Early Deaths						
Sacrificed, Moribund				11	5	5
Survivors						
Scheduled Sacrifice, Terminal	11	5	5			
Number of Animals Examined	5	5	5	11	5	5
<b>ALIMENTARY SYSTEM</b>						
LIVER	(5)	(5)	(5)	(11)	(5)	(5)
DISCOLORATION; PALE	0			7 (63.6%) *		
LOBE, MEDIAN; FOCUS; WHITE				1 (9.1%)		
<b>CARDIOVASCULAR SYSTEM</b>						
None						
<b>ENDOCRINE SYSTEM</b>						
None						
<b>GENERAL BODY SYSTEM</b>						
None						
<b>GENITAL SYSTEM</b>						
None						
<b>HEMATOLYMPHOID SYSTEM</b>						
None						
<b>INTEGUMENTARY SYSTEM</b>						
None						

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**Female**

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**Treatment Groups (ppm)**

---

**0                      150                      300                      600                      900                      1200**

---

**MUSCULOSKELETAL SYSTEM**

None

---

**NERVOUS SYSTEM**

None

---

**RESPIRATORY SYSTEM**

None

---

**SPECIAL SENSES SYSTEM**

None

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**URINARY SYSTEM**

None

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## LEGEND

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Censored animals are scheduled for sacrifice prior to the end of the study. The censored animals are included in the pathology data.

Number of animals examined for each tissue shown in parentheses. If none of the animals examined have the specific lesion then there is a blank for that dose group for that specific lesion. The exception to this is if statistical significance is found for a lesion and the control group has no animals with the lesion then a 0 is included for the control group on the table for that lesion.

Number (percent) of animals affected given for each observation

Statistical analysis performed by Cochran-Armitage (trend) and Fisher Exact (pairwise) one-sided tests.

Statistical significance for the control group indicates a significant trend test

Statistical significance for a treatment group indicates a significant pairwise test compared to the vehicle control group

\* Statistically significant at  $P \leq 0.05$

\*\* Statistically significant at  $P \leq 0.01$

**\*\* END OF REPORT \*\***