

Study Number: C15011B-01
Test Type: TOX
Route: Whole-Body Inhalation
Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data
Test Compound: 2-Ethyltoluene
CAS Number: 611-14-3

Date Report Requested: 03/31/2021
Time Report Requested: 08:25:23
Lab: Battelle

Study Number: C15011B-01
Study Gender: Both
PWG Approval Date: See web page for date of PWG Approval
Version: v1.1.9

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 305

TRT#: F0-3

DOSE: 300 ppm

SEX: Female

REMOVAL DAY: SD19

GENERATION: F0

DISP: Euthanized, No Delivery

HISTO: 114690

Animal Note: Undelivered Dam

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 405

TRT#: F0-4

DOSE: 600 ppm

SEX: Female

REMOVAL DAY: GD25

GENERATION: F0

DISP: Euthanized, No Delivery

HISTO: 114676

Animal Note: Undelivered Dam

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 501
GENERATION: F0

TRT#: F0-5

DOSE: 900 ppm

SEX: Female
DISP: Euthanized Moribund

REMOVAL DAY: GD10
HISTO: 1804329

TISSUE STATUS

Within Normal Limits

KIDNEY, LEFT

KIDNEY, RIGHT

STOMACH, GLANDULAR

OBSERVATIONS

LIVER

CENTRIOBULAR

HEMORRHAGE

MILD

CENTRIOBULAR

NECROSIS

MARKED

Observation Comment: TGL 3 - 3

[NECROSIS TGLS = TGL3]

NO CORRELATE

[NO CORRESPONDING LESION TGLS = TGL1, TGL2, TGL5]

NO CORRESPONDING LESION

STOMACH, FORESTOMACH

HEMORRHAGE

MODERATE

Observation Comment: TGL 4 - 2

[HEMORRHAGE TGLS = TGL4]

CONTRIBUTORY CAUSE OF DEATH

- LIVER NECROSIS CENTRIOBULAR

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 502

TRT#: F0-5

DOSE: 900 ppm

SEX: Female

REMOVAL DAY: GD25

GENERATION: F0

DISP: Euthanized, No Delivery

HISTO: 114643

Animal Note: Undelivered Dam

Study Number: C15011B-01
Test Type: TOX
Route: Whole-Body Inhalation
Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data
Test Compound: 2-Ethyltoluene
CAS Number: 611-14-3

Date Report Requested: 03/31/2021
Time Report Requested: 08:25:23
Lab: Battelle

ANIMAL ID: 508
GENERATION: F0

TRT#: F0-5

DOSE: 900 ppm

SEX: Female
DISP: Euthanized, No Delivery

REMOVAL DAY: GD25
HISTO: 114672

Animal Note: Undelivered Dam

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 509	TRT#: F0-5	DOSE: 900 ppm	SEX: Female	REMOVAL DAY: GD9
GENERATION: F0			DISP: Euthanized Moribund	HISTO: 1804337

OBSERVATIONS

LIVER	CENTRIOBULAR CENTRIOBULAR	HEMORRHAGE NECROSIS	MILD MARKED
Observation Comment: TGL 4 - 2 [NECROSIS TGLS = TGL4]			
STOMACH, FORESTOMACH		HEMORRHAGE	MILD
Observation Comment: TGL 1 - 1 [HEMORRHAGE TGLS = TGL1]			
STOMACH, GLANDULAR		HEMORRHAGE	MINIMAL
Observation Comment: TGL 2 - 1 [HEMORRHAGE TGLS = TGL2]			

CONTRIBUTORY CAUSE OF DEATH	- LIVER NECROSIS CENTRIOBULAR
------------------------------------	-------------------------------

Study Number: C15011B-01
Test Type: TOX
Route: Whole-Body Inhalation
Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data
Test Compound: 2-Ethyltoluene
CAS Number: 611-14-3

Date Report Requested: 03/31/2021
Time Report Requested: 08:25:23
Lab: Battelle

ANIMAL ID: 601	TRT#: F0-6	DOSE: 1200 ppm	SEX: Female	REMOVAL DAY: GD8
GENERATION: F0			DISP: Euthanized Moribund	HISTO: 1804341

OBSERVATIONS

STOMACH, FORESTOMACH

HEMORRHAGE
ULCER

MARKED
FOCAL, MINIMAL

Observation Comment: TGL 1 - 1
[HEMORRHAGE TGLS = TGL1]

STOMACH, GLANDULAR

ULCER

FOCAL, MINIMAL

Observation Comment: TGL 2 - 1
[ULCER TGLS = TGL2]

PRIMARY CAUSE OF DEATH - UNDETERMINED

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 602
GENERATION: F0

TRT#: F0-6

DOSE: 1200 ppm

SEX: Female
DISP: Euthanized Moribund

REMOVAL DAY: GD9
HISTO: 1804342

TISSUE STATUS

Within Normal Limits

STOMACH, GLANDULAR

OBSERVATIONS

NO CORRELATE

[NO CORRESPONDING LESION TGLS = TGL2]

STOMACH, FORESTOMACH

Observation Comment: TGL 1 - 1

[HEMORRHAGE TGLS = TGL1]

NO CORRESPONDING LESION

HEMORRHAGE

MILD

PRIMARY CAUSE OF DEATH

- UNDETERMINED

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 603	TRT#: F0-6	DOSE: 1200 ppm	SEX: Female	REMOVAL DAY: GD9
GENERATION: F0			DISP: Found Dead	HISTO: 1804343

OBSERVATIONS

STOMACH, FORESTOMACH Observation Comment: TGL 1 - 1 [HEMORRHAGE TGLS = TGL1]	HEMORRHAGE	MODERATE
--	------------	----------

STOMACH, GLANDULAR Observation Comment: TGL 2 - 1 [EROSION TGLS = TGL2]	EROSION	FOCAL, MINIMAL
---	---------	----------------

PRIMARY CAUSE OF DEATH	- UNDETERMINED
------------------------	----------------

Study Number: C15011B-01
Test Type: TOX
Route: Whole-Body Inhalation
Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data
Test Compound: 2-Ethyltoluene
CAS Number: 611-14-3

Date Report Requested: 03/31/2021
Time Report Requested: 08:25:23
Lab: Battelle

ANIMAL ID: 604	TRT#: F0-6	DOSE: 1200 ppm	SEX: Female	REMOVAL DAY: GD9
GENERATION: F0			DISP: Euthanized Moribund	HISTO: 1804344

TISSUE STATUS

Within Normal Limits
STOMACH, GLANDULAR

OBSERVATIONS

LIVER	CENTRILOBULAR CENTRILOBULAR	HEMORRHAGE NECROSIS	MILD MODERATE
Observation Comment: TGL 4 - 2 [NECROSIS TGLS = TGL4]			
NO CORRELATE [NO CORRESPONDING LESION TGLS = TGL2]		NO CORRESPONDING LESION	
STOMACH, FORESTOMACH		HEMORRHAGE ULCER	MARKED MULTIPLE, MILD
Observation Comment: TGL 1 - 1 [HEMORRHAGE TGLS = TGL1]			

Study Number: C15011B-01
Test Type: TOX
Route: Whole-Body Inhalation
Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data
Test Compound: 2-Ethyltoluene
CAS Number: 611-14-3

Date Report Requested: 03/31/2021
Time Report Requested: 08:25:23
Lab: Battelle

ANIMAL ID: 605	TRT#: F0-6	DOSE: 1200 ppm	SEX: Female	REMOVAL DAY: GD9
GENERATION: F0			DISP: Euthanized Moribund	HISTO: 1804345

TISSUE STATUS

Within Normal Limits
STOMACH, GLANDULAR

OBSERVATIONS

LIVER	CENTRIOBULAR	HEMORRHAGE	MILD
	CENTRIOBULAR	NECROSIS	MARKED
Observation Comment: TGL 4 - 2 [NECROSIS TGLS = TGL4]			
NO CORRELATE [NO CORRESPONDING LESION TGLS = TGL2]		NO CORRESPONDING LESION	
STOMACH, FORESTOMACH		HEMORRHAGE	MODERATE
Observation Comment: TGL 1 - 1 [HEMORRHAGE TGLS = TGL1]			

CONTRIBUTORY CAUSE OF DEATH - LIVER NECROSIS CENTRIOBULAR

Study Number: C15011B-01
Test Type: TOX
Route: Whole-Body Inhalation
Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data
Test Compound: 2-Ethyltoluene
CAS Number: 611-14-3

Date Report Requested: 03/31/2021
Time Report Requested: 08:25:23
Lab: Battelle

ANIMAL ID: 606	TRT#: F0-6	DOSE: 1200 ppm	SEX: Female	REMOVAL DAY: GD8
GENERATION: F0			DISP: Euthanized Moribund	HISTO: 1804346

TISSUE STATUS

Within Normal Limits
STOMACH, GLANDULAR

OBSERVATIONS

NO CORRELATE

[NO CORRESPONDING LESION TGLS = TGL2]

STOMACH, FORESTOMACH

NO CORRESPONDING LESION

HEMORRHAGE

ULCER

MILD

FOCAL, MINIMAL

Observation Comment: TGL 1 - 1

[HEMORRHAGE TGLS = TGL1]

PRIMARY CAUSE OF DEATH - UNDETERMINED

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 607	TRT#: F0-6	DOSE: 1200 ppm	SEX: Female	REMOVAL DAY: GD9
GENERATION: F0			DISP: Euthanized Moribund	HISTO: 1804347

OBSERVATIONS

LIVER	CENTRIOBULAR	HEMORRHAGE	MILD
		HEPATODIAPHRAGMATIC NODULE	
	CENTRIOBULAR	NECROSIS	MARKED
Observation Comment: TGL 2 - 2			
Observation Comment: TGL 1 - 1			
[HEMORRHAGE TGLS = TGL2]			
[HEPATODIAPHRAGMATIC NODULE TGLS = TGL1]			
STOMACH, FORESTOMACH		HEMORRHAGE	MILD
Observation Comment: TGL 4 - 3			
[HEMORRHAGE TGLS = TGL4]			
STOMACH, GLANDULAR		EROSION	FOCAL, MINIMAL
Observation Comment: TGL 5 - 3			
[EROSION TGLS = TGL5]			

CONTRIBUTORY CAUSE OF DEATH	- LIVER NECROSIS CENTRIOBULAR
------------------------------------	-------------------------------

Study Number: C15011B-01
Test Type: TOX
Route: Whole-Body Inhalation
Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data
Test Compound: 2-Ethyltoluene
CAS Number: 611-14-3

Date Report Requested: 03/31/2021
Time Report Requested: 08:25:23
Lab: Battelle

ANIMAL ID: 608	TRT#: F0-6	DOSE: 1200 ppm	SEX: Female	REMOVAL DAY: GD9
GENERATION: F0			DISP: Euthanized Moribund	HISTO: 1804348

TISSUE STATUS

Within Normal Limits
STOMACH, GLANDULAR

OBSERVATIONS

LIVER	CENTRIOBULAR CENTRIOBULAR	HEMORRHAGE NECROSIS	MILD MODERATE
Observation Comment: TGL 5 - 3 [NECROSIS TGLS = TGL5]			
LYMPH NODE, MESENTERIC		SINUS ERYTHROCYTOSIS	MARKED
Observation Comment: TGL 4 - 2 [SINUS ERYTHROCYTOSIS TGLS = TGL4]			
NO CORRELATE		NO CORRESPONDING LESION	
[NO CORRESPONDING LESION TGLS = TGL2]			
STOMACH, FORESTOMACH		HEMORRHAGE ULCER	MODERATE FOCAL, MINIMAL
Observation Comment: TGL 1 - 1 [HEMORRHAGE TGLS = TGL1]			

CONTRIBUTORY CAUSE OF DEATH - LIVER NECROSIS CENTRIOBULAR

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 609	TRT#: F0-6	DOSE: 1200 ppm	SEX: Female	REMOVAL DAY: GD8
GENERATION: F0			DISP: Euthanized Moribund	HISTO: 1804349

OBSERVATIONS

STOMACH, FORESTOMACH

HEMORRHAGE

MARKED

Observation Comment: TGL 1 - 1

[HEMORRHAGE TGLS = TGL1]

STOMACH, GLANDULAR

HEMORRHAGE

MINIMAL

Observation Comment: TGL 2 - 1

[HEMORRHAGE TGLS = TGL2]

PRIMARY CAUSE OF DEATH - UNDETERMINED

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 610
GENERATION: F0

TRT#: F0-6

DOSE: 1200 ppm

SEX: Female
DISP: Found Dead

REMOVAL DAY: GD9
HISTO: 1804350

TISSUE STATUS

Within Normal Limits

STOMACH, GLANDULAR

OBSERVATIONS

NO CORRELATE

[NO CORRESPONDING LESION TGLS = TGL2]

STOMACH, FORESTOMACH

Observation Comment: TGL 1 - 1

[HEMORRHAGE TGLS = TGL1]

NO CORRESPONDING LESION

HEMORRHAGE

MILD

PRIMARY CAUSE OF DEATH

- UNDETERMINED

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 1009

TRT#: F1-1

DOSE: 0 ppm

SEX: Male

REMOVAL DAY: PND39

GENERATION: F1

SELECTION: F1 Biosample

DISP: Biological Sampling

HISTO: 119690

Animal Note: Animal was in Biosample collection only, no necropsy was performed.

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 4009

TRT#: F1-4

DOSE: 600 ppm

SEX: Male

REMOVAL DAY: PND26

GENERATION: F1

SELECTION: F1 Biosample

DISP: Found Dead

HISTO: 1804263

TISSUE STATUS

Within Normal Limits

STOMACH, FORESTOMACH

OBSERVATIONS

NO CORRELATE

NO CORRESPONDING LESION

[NO CORRESPONDING LESION TGLS = TGL1]

PRIMARY CAUSE OF DEATH

- UNDETERMINED

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 4010

TRT#: F1-4

DOSE: 600 ppm

SEX: Male

REMOVAL DAY: PND26

GENERATION: F1

SELECTION: F1 Biosample

DISP: Euthanized, Sponsor Request
(not moribund)

HISTO: 1804264

TISSUE STATUS

Within Normal Limits

STOMACH, GLANDULAR

OBSERVATIONS

NO CORRELATE

NO CORRESPONDING LESION

[NO CORRESPONDING LESION TGLS = TGL1]

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 4011

TRT#: F1-4

DOSE: 600 ppm

SEX: Male

REMOVAL DAY: PND27

GENERATION: F1

SELECTION: F1 Biosample

DISP: Euthanized, Sponsor Request
(not moribund)

HISTO: 1804265

TISSUE STATUS

Within Normal Limits

STOMACH, GLANDULAR

OBSERVATIONS

NO CORRELATE

[NO CORRESPONDING LESION TGLS = TGL3]

NO CORRESPONDING LESION

SKIN

EDEMA

MILD

Observation Comment: TGL 1-1

[EDEMA TGLS = TGL1]

STOMACH, GLANDULAR

Tissue Comment: Small capillary congestion noted.

THYMUS

EDEMA

MODERATE

HEMORRHAGE

MILD

NECROSIS

MODERATE

LYMPHOCYTE

Observation Comment: TGL 2 - 2

[EDEMA TGLS = TGL2]

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 4012

TRT#: F1-4

DOSE: 600 ppm

SEX: Male

REMOVAL DAY: PND26

GENERATION: F1

SELECTION: F1 Biosample

DISP: Found Dead

HISTO: 1804266

TISSUE STATUS

Within Normal Limits

STOMACH, GLANDULAR

OBSERVATIONS

NO CORRELATE

NO CORRESPONDING LESION

[NO CORRESPONDING LESION TGLS = TGL1]

STOMACH, GLANDULAR

Tissue Comment: Small capillary congestion present.

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 4014

TRT#: F1-4

DOSE: 600 ppm

SEX: Male

REMOVAL DAY: PND26

GENERATION: F1

SELECTION: F1 Biosample

DISP: Euthanized, Sponsor Request
(not moribund)

HISTO: 1804268

TISSUE STATUS

Within Normal Limits

STOMACH, GLANDULAR

OBSERVATIONS

NO CORRELATE

NO CORRESPONDING LESION

[NO CORRESPONDING LESION TGLS = TGL1]

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 1001	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND39
GENERATION: F1	SELECTION: F1 Core		DISP: Scheduled Removal (Terminal)	HISTO: 1804047

TISSUE STATUS

Within Normal Limits

BRAIN	KIDNEY	LARYNX	LIVER
LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	NOSE	PHARYNX
TRACHEA			

OBSERVATIONS

LUNG	ALVEOLUS	CRYSTALS	MINIMAL
------	----------	----------	---------

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 1002	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND39
GENERATION: F1	SELECTION: F1 Core		DISP: Scheduled Removal (Terminal)	HISTO: 1804048

TISSUE STATUS

Within Normal Limits

BRAIN	KIDNEY	LARYNX	LIVER
LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	NOSE
PHARYNX	TRACHEA		

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 1003	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND39
GENERATION: F1	SELECTION: F1 Core		DISP: Scheduled Removal (Terminal)	HISTO: 1804049

TISSUE STATUS

Within Normal Limits

BRAIN	LARYNX	LIVER	LUNG
LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	NOSE	PHARYNX
TRACHEA			

OBSERVATIONS

KIDNEY	NEPHROPATHY	MINIMAL
--------	-------------	---------

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 1004

TRT#: F1-1

DOSE: 0 ppm

SEX: Male

REMOVAL DAY: PND39

GENERATION: F1

SELECTION: F1 Core

DISP: Scheduled Removal (Terminal)

HISTO: 1804050

TISSUE STATUS

Within Normal Limits

BRAIN

KIDNEY

LARYNX

LIVER

LUNG

LYMPH NODE, BRONCHIAL

LYMPH NODE, MEDIASTINAL

NOSE

PHARYNX

TRACHEA

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 1005	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND39
GENERATION: F1	SELECTION: F1 Core		DISP: Scheduled Removal (Terminal)	HISTO: 1804051

TISSUE STATUS

Within Normal Limits

BRAIN	KIDNEY	LARYNX	LIVER
LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	NOSE
PHARYNX	TRACHEA		

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 1006

TRT#: F1-1

DOSE: 0 ppm

SEX: Male

REMOVAL DAY: PND39

GENERATION: F1

SELECTION: F1 Core

DISP: Scheduled Removal (Terminal)

HISTO: 1804052

TISSUE STATUS

Within Normal Limits

BRAIN

KIDNEY

LARYNX

LIVER

LUNG

LYMPH NODE, BRONCHIAL

LYMPH NODE, MEDIASTINAL

NOSE

PHARYNX

MISSING

TRACHEA

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 1007	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND39
GENERATION: F1	SELECTION: F1 Core		DISP: Scheduled Removal (Terminal)	HISTO: 1804053

TISSUE STATUS

Within Normal Limits

BRAIN	KIDNEY	LARYNX	LIVER
LUNG	LYMPH NODE, MEDIASTINAL	NOSE	PHARYNX
TRACHEA			

MISSING

LYMPH NODE, BRONCHIAL

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 1008	TRT#: F1-1	DOSE: 0 ppm	SEX: Male	REMOVAL DAY: PND39
GENERATION: F1	SELECTION: F1 Core		DISP: Scheduled Removal (Terminal)	HISTO: 1804054

TISSUE STATUS

Within Normal Limits

BRAIN	KIDNEY	LARYNX	LIVER
LUNG	LYMPH NODE, BRONCHIAL	NOSE	PHARYNX
TRACHEA			

MISSING

LYMPH NODE, MEDIASTINAL

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 2001

TRT#: F1-2

DOSE: 150 ppm

SEX: Male

REMOVAL DAY: PND39

GENERATION: F1

SELECTION: F1 Core

DISP: Scheduled Removal (Terminal)

HISTO: 1804055

OBSERVATIONS

LIVER

HEPATODIAPHRAGMATIC NODULE

Observation Comment: TGL 1-11

[HEPATODIAPHRAGMATIC NODULE TGLS = TGL1]

NOSE

OLFACTORY EPITHELIUM

ATROPHY

DIFFUSE, MILD

ATROPHY

NEURONAL, MINIMAL

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 2002

TRT#: F1-2

DOSE: 150 ppm

SEX: Male

REMOVAL DAY: PND39

GENERATION: F1

SELECTION: F1 Core

DISP: Scheduled Removal (Terminal)

HISTO: 1804056

OBSERVATIONS

NOSE

OLFACTORY EPITHELIUM

ATROPHY

DIFFUSE, MILD

ATROPHY

NEURONAL, MINIMAL

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 2003

TRT#: F1-2

DOSE: 150 ppm

SEX: Male

REMOVAL DAY: PND39

GENERATION: F1

SELECTION: F1 Core

DISP: Scheduled Removal (Terminal)

HISTO: 1804057

OBSERVATIONS

NOSE

OLFACTORY EPITHELIUM

ATROPHY

DIFFUSE, MINIMAL

ATROPHY

NEURONAL, MINIMAL

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 2004

TRT#: F1-2

DOSE: 150 ppm

SEX: Male

REMOVAL DAY: PND39

GENERATION: F1

SELECTION: F1 Core

DISP: Scheduled Removal (Terminal)

HISTO: 1804058

OBSERVATIONS

NOSE

OLFACTORY EPITHELIUM

ATROPHY

DIFFUSE, MILD

ATROPHY

NEURONAL, MINIMAL

Study Number: C15011B-01
Test Type: TOX
Route: Whole-Body Inhalation
Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data
Test Compound: 2-Ethyltoluene
CAS Number: 611-14-3

Date Report Requested: 03/31/2021
Time Report Requested: 08:25:23
Lab: Battelle

ANIMAL ID: 2005	TRT#: F1-2	DOSE: 150 ppm	SEX: Male	REMOVAL DAY: PND39
GENERATION: F1	SELECTION: F1 Core		DISP: Scheduled Removal (Terminal)	HISTO: 1804059

OBSERVATIONS

NOSE	OLFACTORY EPITHELIUM	ATROPHY	DIFFUSE, MINIMAL
		ATROPHY	NEURONAL, MINIMAL

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 2006

TRT#: F1-2

DOSE: 150 ppm

SEX: Male

REMOVAL DAY: PND39

GENERATION: F1

SELECTION: F1 Core

DISP: Scheduled Removal (Terminal)

HISTO: 1804060

OBSERVATIONS

NOSE

OLFACTORY EPITHELIUM

ATROPHY

DIFFUSE, MILD

ATROPHY

NEURONAL, MILD

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 2007	TRT#: F1-2	DOSE: 150 ppm	SEX: Male	REMOVAL DAY: PND39
GENERATION: F1	SELECTION: F1 Core		DISP: Scheduled Removal (Terminal)	HISTO: 1804061

OBSERVATIONS

NOSE	OLFACTORY EPITHELIUM	ATROPHY	DIFFUSE, MINIMAL
		ATROPHY	NEURONAL, MINIMAL

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 2008

TRT#: F1-2

DOSE: 150 ppm

SEX: Male

REMOVAL DAY: PND39

GENERATION: F1

SELECTION: F1 Core

DISP: Scheduled Removal (Terminal)

HISTO: 1804062

OBSERVATIONS

NOSE

OLFACTORY EPITHELIUM

ATROPHY

DIFFUSE, MILD

ATROPHY

NEURONAL, MILD

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 3001

TRT#: F1-3

DOSE: 300 ppm

SEX: Male

REMOVAL DAY: PND39

GENERATION: F1

SELECTION: F1 Core

DISP: Biological Sampling

HISTO: 1804063

TISSUE STATUS

Within Normal Limits

BRAIN
LYMPH NODE, MEDIASTINAL

LARYNX
PHARYNX

LIVER
TRACHEA

LUNG

MISSING

LYMPH NODE, BRONCHIAL

OBSERVATIONS

KIDNEY
NOSE

OLFACTORY EPITHELIUM

NEPHROPATHY
ATROPHY
ATROPHY

MINIMAL
DIFFUSE, MILD
NEURONAL, MILD

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 3002	TRT#: F1-3	DOSE: 300 ppm	SEX: Male	REMOVAL DAY: PND39
GENERATION: F1	SELECTION: F1 Core		DISP: Biological Sampling	HISTO: 1804064

TISSUE STATUS

Within Normal Limits

BRAIN	KIDNEY	LARYNX	LIVER
LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	PHARYNX	TRACHEA

OBSERVATIONS

LUNG	ALVEOLUS	HEMORRHAGE	MINIMAL
NOSE	OLFACTORY EPITHELIUM	ATROPHY	DIFFUSE, MILD
		ATROPHY	NEURONAL, MILD

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 3003	TRT#: F1-3	DOSE: 300 ppm	SEX: Male	REMOVAL DAY: PND39
GENERATION: F1	SELECTION: F1 Core		DISP: Biological Sampling	HISTO: 1804065

TISSUE STATUS

Within Normal Limits

BRAIN	KIDNEY	LARYNX	LIVER
LUNG	LYMPH NODE, BRONCHIAL	PHARYNX	TRACHEA

MISSING

LYMPH NODE, MEDIASTINAL

OBSERVATIONS

LYMPH NODE, MEDIASTINAL

Tissue Comment: Lymph node(s) on recut slide 10 are abdominal, not mediastinal.

NOSE	OLFACTORY EPITHELIUM	ATROPHY	DIFFUSE, MILD
		ATROPHY	NEURONAL, MILD

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 3004	TRT#: F1-3	DOSE: 300 ppm	SEX: Male	REMOVAL DAY: PND39
GENERATION: F1	SELECTION: F1 Core		DISP: Biological Sampling	HISTO: 1804066

TISSUE STATUS

Within Normal Limits

BRAIN	KIDNEY	LARYNX	LIVER
LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	PHARYNX
TRACHEA			

OBSERVATIONS

NOSE	OLFACTORY EPITHELIUM	ATROPHY	DIFFUSE, MILD
		ATROPHY	NEURONAL, MILD

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 3005
GENERATION: F1

TRT#: F1-3
SELECTION: F1 Core

DOSE: 300 ppm

SEX: Male
DISP: Biological Sampling

REMOVAL DAY: PND39
HISTO: 1804067

TISSUE STATUS

Within Normal Limits

BRAIN	KIDNEY	LARYNX	LIVER
LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	PHARYNX
TRACHEA			

OBSERVATIONS

NOSE	OLFACTORY EPITHELIUM	ATROPHY	DIFFUSE, MILD
		ATROPHY	NEURONAL, MILD

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 3006	TRT#: F1-3	DOSE: 300 ppm	SEX: Male	REMOVAL DAY: PND39
GENERATION: F1	SELECTION: F1 Core		DISP: Biological Sampling	HISTO: 1804068

TISSUE STATUS

Within Normal Limits

BRAIN	LARYNX	LIVER	LUNG
LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	PHARYNX	TRACHEA

OBSERVATIONS

KIDNEY		NEPHROPATHY	MINIMAL
NOSE	OLFACTORY EPITHELIUM	ATROPHY	DIFFUSE, MILD
		ATROPHY	NEURONAL, MILD

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 3007	TRT#: F1-3	DOSE: 300 ppm	SEX: Male	REMOVAL DAY: PND39
GENERATION: F1	SELECTION: F1 Core		DISP: Biological Sampling	HISTO: 1804069

TISSUE STATUS

Within Normal Limits

BRAIN	LARYNX	LIVER	LUNG
LYMPH NODE, MEDIASTINAL	PHARYNX	TRACHEA	

MISSING

LYMPH NODE, BRONCHIAL

OBSERVATIONS

KIDNEY		NEPHROPATHY	MINIMAL
NOSE	OLFACTORY EPITHELIUM	ATROPHY	DIFFUSE, MILD
		ATROPHY	NEURONAL, MILD

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 3008	TRT#: F1-3	DOSE: 300 ppm	SEX: Male	REMOVAL DAY: PND39
GENERATION: F1	SELECTION: F1 Core		DISP: Biological Sampling	HISTO: 1804070

TISSUE STATUS

Within Normal Limits

BRAIN	LARYNX	LIVER	LUNG
LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	PHARYNX	TRACHEA

OBSERVATIONS

KIDNEY	PELVIS	DILATION NEPHROPATHY	MILD MINIMAL
--------	--------	-------------------------	-----------------

Tissue Comment: Kidney gross lesion (TGL-1) coded under "kidney, right" at trim.

Observation Comment: TGL 1-9

[DILATION TGLS = TGL1]

NOSE	OLFACTORY EPITHELIUM	ATROPHY ATROPHY	DIFFUSE, MILD NEURONAL, MILD
------	----------------------	--------------------	---------------------------------

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 4001

TRT#: F1-4

DOSE: 600 ppm

SEX: Male

REMOVAL DAY: PND27

GENERATION: F1

SELECTION: F1 Core

DISP: Euthanized, Sponsor Request
(not moribund)

HISTO: 1804071

TISSUE STATUS

Within Normal Limits

BRAIN
LYMPH NODE, MEDIASTINAL

LARYNX
PHARYNX

LIVER

LYMPH NODE, BRONCHIAL

MISSING

TRACHEA

OBSERVATIONS

KIDNEY		NEPHROPATHY	MINIMAL
LUNG	ALVEOLUS	HEMORRHAGE	MILD
NOSE	OLFACTORY EPITHELIUM	DEGENERATION	DIFFUSE, MILD

PRIMARY CAUSE OF DEATH

- UNDETERMINED

CONTRIBUTORY CAUSE OF DEATH

- LUNG HEMORRHAGE ALVEOLUS

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 4002

TRT#: F1-4

DOSE: 600 ppm

SEX: Male

REMOVAL DAY: PND26

GENERATION: F1

SELECTION: F1 Core

DISP: Found Dead

HISTO: 1804072

TISSUE STATUS

Within Normal Limits

BRAIN

LARYNX

LUNG

LYMPH NODE, MEDIASTINAL

PHARYNX

STOMACH, GLANDULAR

TRACHEA

MISSING

LYMPH NODE, BRONCHIAL

OBSERVATIONS

KIDNEY

NEPHROPATHY

MINIMAL

LIVER

CENTRIOBULAR

HEMORRHAGE

MILD

CENTRIOBULAR

NECROSIS

MODERATE

NO CORRELATE

NO CORRESPONDING LESION

[NO CORRESPONDING LESION TGLS = TGL1]

NOSE

OLFACTORY EPITHELIUM

DEGENERATION

DIFFUSE, MILD

CONTRIBUTORY CAUSE OF DEATH

- LIVER NECROSIS CENTRIOBULAR

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 4003	TRT#: F1-4	DOSE: 600 ppm	SEX: Male	REMOVAL DAY: PND26
GENERATION: F1	SELECTION: F1 Core		DISP: Euthanized Moribund	HISTO: 1804073

TISSUE STATUS

Within Normal Limits

BRAIN	KIDNEY	LARYNX	LUNG
LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	PHARYNX	TRACHEA

OBSERVATIONS

LIVER	CENTRIOBULAR	NECROSIS	MARKED
NOSE	OLFACTORY EPITHELIUM	DEGENERATION	DIFFUSE, MILD
STOMACH, GLANDULAR		HEMORRHAGE	MINIMAL

Observation Comment: TGL 1 - 11

[HEMORRHAGE TGLS = TGL1]

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- LIVER NECROSIS CENTRIOBULAR

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 4004	TRT#: F1-4	DOSE: 600 ppm	SEX: Male	REMOVAL DAY: PND26
GENERATION: F1	SELECTION: F1 Core		DISP: Euthanized, Sponsor Request (not moribund)	HISTO: 1804074

TISSUE STATUS

Within Normal Limits

BRAIN	KIDNEY	LARYNX	LUNG
LYMPH NODE, BRONCHIAL	PHARYNX		

MISSING

LYMPH NODE, MEDIASTINAL	STOMACH, GLANDULAR	TRACHEA
-------------------------	--------------------	---------

OBSERVATIONS

LIVER	CENTRIOLOBULAR	NECROSIS	MODERATE
NO CORRELATE		NO CORRESPONDING LESION	
[NO CORRESPONDING LESION TGLS = TGL1]			
NOSE	OLFACTORY EPITHELIUM	DEGENERATION	DIFFUSE, MILD
SKIN		HEMORRHAGE	MILD

Observation Comment: TGL 2 - 11; Epidermis is also slightly thickened

[HEMORRHAGE TGLS = TGL2]

STOMACH, GLANDULAR

Tissue Comment: There was no stomach section presented. Sternum/rib section was provided, and there is acute hemorrhage present. Unclear if gross obs as entered (in Provantis) is correctly placed.

CONTRIBUTORY CAUSE OF DEATH - LIVER NECROSIS CENTRIOLOBULAR

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 4005
GENERATION: F1

TRT#: F1-4
SELECTION: F1 Core

DOSE: 600 ppm

SEX: Male
DISP: Euthanized, Sponsor Request
(not moribund)

REMOVAL DAY: PND26
HISTO: 1804075

TISSUE STATUS

Within Normal Limits

BRAIN LARYNX LUNG PHARYNX

MISSING

LYMPH NODE, BRONCHIAL LYMPH NODE, MEDIASTINAL TRACHEA

OBSERVATIONS

BRAIN
Tissue Comment: Olfactory bulbs missing

KIDNEY
Observation Comment: TGL 2 - 09
[DILATION TGLS = TGL2]

LIVER
NOSE
STOMACH, GLANDULAR
Observation Comment: TGL 1 - 11
[HEMORRHAGE TGLS = TGL1]

PELVIS

CENTRIOBULAR
OLFACTORY EPITHELIUM

DILATION

NECROSIS
DEGENERATION
HEMORRHAGE

MILD

MODERATE
DIFFUSE, MILD
MINIMAL

CONTRIBUTORY CAUSE OF DEATH - LIVER NECROSIS CENTRIOBULAR

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 4006	TRT#: F1-4	DOSE: 600 ppm	SEX: Male	REMOVAL DAY: PND27
GENERATION: F1	SELECTION: F1 Core		DISP: Euthanized, Sponsor Request (not moribund)	HISTO: 1804076

TISSUE STATUS

Within Normal Limits

BRAIN	KIDNEY	LARYNX	LUNG
PHARYNX	SKIN	TRACHEA	

MISSING

LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL
-----------------------	-------------------------

NO SECTION

THYMUS

OBSERVATIONS

LIVER	CENTRIOBULAR	NECROSIS	MODERATE
NO CORRELATE		NO CORRESPONDING LESION	
[NO CORRESPONDING LESION TGLS = TGL1, TGL2]			
NOSE	OLFACTORY EPITHELIUM	DEGENERATION	DIFFUSE, MILD

PRIMARY CAUSE OF DEATH

- UNDETERMINED

CONTRIBUTORY CAUSE OF DEATH

- LIVER NECROSIS CENTRIOBULAR

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 4007	TRT#: F1-4	DOSE: 600 ppm	SEX: Male	REMOVAL DAY: PND26
GENERATION: F1	SELECTION: F1 Core		DISP: Found Dead	HISTO: 1804077

TISSUE STATUS

Within Normal Limits

BRAIN	KIDNEY	LARYNX	LUNG
PHARYNX	TRACHEA		

MISSING

LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL
-----------------------	-------------------------

OBSERVATIONS

LIVER	CENTRIOBULAR	HEMORRHAGE	MILD
	CENTRIOBULAR	NECROSIS	MODERATE
NOSE	OLFACTORY EPITHELIUM	DEGENERATION	DIFFUSE, MILD
STOMACH, GLANDULAR		HEMORRHAGE	MINIMAL

Observation Comment: TGL 2 - 11

[HEMORRHAGE TGLS = TGL2]

PRIMARY CAUSE OF DEATH	- UNDETERMINED
CONTRIBUTORY CAUSE OF DEATH	- LIVER NECROSIS CENTRIOBULAR

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 4008

TRT#: F1-4

DOSE: 600 ppm

SEX: Male

REMOVAL DAY: PND26

GENERATION: F1

SELECTION: F1 Core

DISP: Found Dead

HISTO: 1804078

TISSUE STATUS

Within Normal Limits

BRAIN

LARYNX

LUNG

LYMPH NODE, BRONCHIAL

PHARYNX

STOMACH, GLANDULAR

TRACHEA

MISSING

LYMPH NODE, MEDIASTINAL

OBSERVATIONS

KIDNEY

PELVIS

DILATION

MILD

LIVER

CENTRIOBULAR

HEMORRHAGE

MINIMAL

CENTRIOBULAR

NECROSIS

MODERATE

NO CORRELATE

NO CORRESPONDING LESION

[NO CORRESPONDING LESION TGLS = TGL1]

NOSE

OLFACTORY EPITHELIUM

DEGENERATION

DIFFUSE, MILD

CONTRIBUTORY CAUSE OF DEATH

- LIVER NECROSIS CENTRIOBULAR

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 4059	TRT#: F1-4	DOSE: 600 ppm	SEX: Female	REMOVAL DAY: PND26
GENERATION: F1	SELECTION: F1 Core		DISP: Found Dead	HISTO: 1804323

OBSERVATIONS

LYMPH NODE, MESENTERIC

SINUS ERYTHROCYTOSIS

MARKED

Observation Comment: TGL 2 - 2

[SINUS ERYTHROCYTOSIS TGLS = TGL2]

STOMACH, FORESTOMACH

HEMORRHAGE

MARKED

Observation Comment: TGL 1 - 1

[HEMORRHAGE TGLS = TGL1]

PRIMARY CAUSE OF DEATH - UNDETERMINED

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 4060

TRT#: F1-4

DOSE: 600 ppm

SEX: Female

REMOVAL DAY: PND26

GENERATION: F1

SELECTION: F1 Core

DISP: Euthanized, Sponsor Request
(not moribund)

HISTO: 1804324

TISSUE STATUS

Within Normal Limits

STOMACH, GLANDULAR

OBSERVATIONS

NO CORRELATE

NO CORRESPONDING LESION

[NO CORRESPONDING LESION TGLS = TGL1]

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 4062

TRT#: F1-4

DOSE: 600 ppm

SEX: Female

REMOVAL DAY: PND26

GENERATION: F1

SELECTION: F1 Core

DISP: Found Dead

HISTO: 1804326

TISSUE STATUS

Within Normal Limits

STOMACH, GLANDULAR

OBSERVATIONS

NO CORRELATE

NO CORRESPONDING LESION

[NO CORRESPONDING LESION TGLS = TGL1]

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 4063

TRT#: F1-4

DOSE: 600 ppm

SEX: Female

REMOVAL DAY: PND26

GENERATION: F1

SELECTION: F1 Core

DISP: Euthanized Moribund

HISTO: 1804327

TISSUE STATUS

Within Normal Limits

STOMACH, GLANDULAR

OBSERVATIONS

NO CORRELATE

NO CORRESPONDING LESION

[NO CORRESPONDING LESION TGLS = TGL1]

STOMACH, GLANDULAR

Tissue Comment: Small capillary congestion present.

PRIMARY CAUSE OF DEATH

- UNDETERMINED

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 4064

TRT#: F1-4

DOSE: 600 ppm

SEX: Female

REMOVAL DAY: PND26

GENERATION: F1

SELECTION: F1 Core

DISP: Euthanized, Sponsor Request
(not moribund)

HISTO: 1804328

OBSERVATIONS

STOMACH, GLANDULAR

HEMORRHAGE

MINIMAL

Observation Comment: TGL 1 - 1

[HEMORRHAGE TGLS = TGL1]

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 1051	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: PND39
GENERATION: F1	SELECTION: F1 Core		DISP: Scheduled Removal (Terminal)	HISTO: 1804095

TISSUE STATUS

Within Normal Limits

BRAIN	LARYNX	LIVER	LUNG
LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	NOSE	PHARYNX
TRACHEA			

OBSERVATIONS

KIDNEY	NEPHROPATHY	MINIMAL
--------	-------------	---------

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 1052	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: PND39
GENERATION: F1	SELECTION: F1 Core		DISP: Scheduled Removal (Terminal)	HISTO: 1804096

TISSUE STATUS

Within Normal Limits

BRAIN	LARYNX	LIVER	LUNG
LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	NOSE	PHARYNX
TRACHEA			

OBSERVATIONS

KIDNEY	NEPHROPATHY	MINIMAL
--------	-------------	---------

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 1053	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: PND39
GENERATION: F1	SELECTION: F1 Core		DISP: Scheduled Removal (Terminal)	HISTO: 1804097

TISSUE STATUS

Within Normal Limits

BRAIN	KIDNEY	LARYNX	LIVER
LUNG	LYMPH NODE, MEDIASTINAL	NOSE	PHARYNX
TRACHEA			

MISSING

LYMPH NODE, BRONCHIAL

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 1054	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: PND39
GENERATION: F1	SELECTION: F1 Core		DISP: Scheduled Removal (Terminal)	HISTO: 1804098

TISSUE STATUS

Within Normal Limits

BRAIN	KIDNEY	LARYNX	LIVER
LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	NOSE
PHARYNX	TRACHEA		

OBSERVATIONS

LUNG

Tissue Comment: Focal, subpleural aggregate of mononuclear cells noted.

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 1055

TRT#: F1-1

DOSE: 0 ppm

SEX: Female

REMOVAL DAY: PND39

GENERATION: F1

SELECTION: F1 Core

DISP: Scheduled Removal (Terminal)

HISTO: 1804099

TISSUE STATUS

Within Normal Limits

BRAIN

KIDNEY

LARYNX

LIVER

LUNG

LYMPH NODE, BRONCHIAL

LYMPH NODE, MEDIASTINAL

NOSE

PHARYNX

TRACHEA

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 1056	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: PND39
GENERATION: F1	SELECTION: F1 Core		DISP: Scheduled Removal (Terminal)	HISTO: 1804100

TISSUE STATUS

Within Normal Limits

BRAIN	KIDNEY	LARYNX	LIVER
LUNG	LYMPH NODE, BRONCHIAL	NOSE	PHARYNX
TRACHEA			

MISSING

LYMPH NODE, MEDIASTINAL

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 1057	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: PND39
GENERATION: F1	SELECTION: F1 Core		DISP: Scheduled Removal (Terminal)	HISTO: 1804101

TISSUE STATUS

Within Normal Limits

BRAIN	KIDNEY	LARYNX	LIVER
LUNG	LYMPH NODE, MEDIASTINAL	NOSE	PHARYNX
TRACHEA			

MISSING

LYMPH NODE, BRONCHIAL

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 1058	TRT#: F1-1	DOSE: 0 ppm	SEX: Female	REMOVAL DAY: PND39
GENERATION: F1	SELECTION: F1 Core		DISP: Scheduled Removal (Terminal)	HISTO: 1804102

TISSUE STATUS

Within Normal Limits

BRAIN	KIDNEY	LARYNX	LIVER
LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	NOSE
PHARYNX	TRACHEA		

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 2051

TRT#: F1-2

DOSE: 150 ppm

SEX: Female

REMOVAL DAY: PND39

GENERATION: F1

SELECTION: F1 Core

DISP: Scheduled Removal (Terminal)

HISTO: 1804103

OBSERVATIONS

LIVER

HEPATODIAPHRAGMATIC NODULE

Observation Comment: TGL 1 - 11

[HEPATODIAPHRAGMATIC NODULE TGLS = TGL1]

NOSE

OLFACTORY EPITHELIUM

ATROPHY

DIFFUSE, MILD

ATROPHY

NEURONAL, MINIMAL

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 2052

TRT#: F1-2

DOSE: 150 ppm

SEX: Female

REMOVAL DAY: PND39

GENERATION: F1

SELECTION: F1 Core

DISP: Scheduled Removal (Terminal)

HISTO: 1804104

OBSERVATIONS

NOSE

OLFACTORY EPITHELIUM

ATROPHY

DIFFUSE, MINIMAL

ATROPHY

NEURONAL, MILD

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 2053

TRT#: F1-2

DOSE: 150 ppm

SEX: Female

REMOVAL DAY: PND39

GENERATION: F1

SELECTION: F1 Core

DISP: Scheduled Removal (Terminal)

HISTO: 1804105

OBSERVATIONS

NOSE

OLFACTORY EPITHELIUM

ATROPHY

DIFFUSE, MILD

ATROPHY

NEURONAL, MILD

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 2054

TRT#: F1-2

DOSE: 150 ppm

SEX: Female

REMOVAL DAY: PND39

GENERATION: F1

SELECTION: F1 Core

DISP: Scheduled Removal (Terminal)

HISTO: 1804106

OBSERVATIONS

NOSE

OLFACTORY EPITHELIUM

ATROPHY

DIFFUSE, MILD

ATROPHY

NEURONAL, MILD

Study Number: C15011B-01
Test Type: TOX
Route: Whole-Body Inhalation
Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data
Test Compound: 2-Ethyltoluene
CAS Number: 611-14-3

Date Report Requested: 03/31/2021
Time Report Requested: 08:25:23
Lab: Battelle

ANIMAL ID: 2055	TRT#: F1-2	DOSE: 150 ppm	SEX: Female	REMOVAL DAY: PND39
GENERATION: F1	SELECTION: F1 Core		DISP: Scheduled Removal (Terminal)	HISTO: 1804107

OBSERVATIONS

LIVER		HEPATODIAPHRAGMATIC NODULE	
Observation Comment: TGL 1-11			
[HEPATODIAPHRAGMATIC NODULE TGLS = TGL1]			
NOSE	OLFACTORY EPITHELIUM	ATROPHY	DIFFUSE, MILD
		ATROPHY	NEURONAL, MILD

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 2056

TRT#: F1-2

DOSE: 150 ppm

SEX: Female

REMOVAL DAY: PND39

GENERATION: F1

SELECTION: F1 Core

DISP: Scheduled Removal (Terminal)

HISTO: 1804108

OBSERVATIONS

NOSE

OLFACTORY EPITHELIUM

ATROPHY

DIFFUSE, MILD

ATROPHY

NEURONAL, MILD

Study Number: C15011B-01
Test Type: TOX
Route: Whole-Body Inhalation
Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data
Test Compound: 2-Ethyltoluene
CAS Number: 611-14-3

Date Report Requested: 03/31/2021
Time Report Requested: 08:25:23
Lab: Battelle

ANIMAL ID: 2057	TRT#: F1-2	DOSE: 150 ppm	SEX: Female	REMOVAL DAY: PND39
GENERATION: F1	SELECTION: F1 Core		DISP: Scheduled Removal (Terminal)	HISTO: 1804109

OBSERVATIONS

NOSE	OLFACTORY EPITHELIUM	ATROPHY	DIFFUSE, MILD
		ATROPHY	NEURONAL, MILD

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 2058

TRT#: F1-2

DOSE: 150 ppm

SEX: Female

REMOVAL DAY: PND39

GENERATION: F1

SELECTION: F1 Core

DISP: Scheduled Removal (Terminal)

HISTO: 1804110

OBSERVATIONS

NOSE

OLFACTORY EPITHELIUM

ATROPHY

DIFFUSE, MILD

ATROPHY

NEURONAL, MILD

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 3051	TRT#: F1-3	DOSE: 300 ppm	SEX: Female	REMOVAL DAY: PND39
GENERATION: F1	SELECTION: F1 Core		DISP: Biological Sampling	HISTO: 1804111

TISSUE STATUS

Within Normal Limits

BRAIN	KIDNEY	LARYNX	LIVER
LUNG	LYMPH NODE, BRONCHIAL	PHARYNX	TRACHEA

MISSING

LYMPH NODE, MEDIASTINAL

OBSERVATIONS

NOSE	OLFACTORY EPITHELIUM	ATROPHY	DIFFUSE, MILD
		ATROPHY	NEURONAL, MILD

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 3052
GENERATION: F1

TRT#: F1-3
SELECTION: F1 Core

DOSE: 300 ppm

SEX: Female
DISP: Biological Sampling

REMOVAL DAY: PND39
HISTO: 1804112

TISSUE STATUS

Within Normal Limits

BRAIN	KIDNEY	LARYNX	LIVER
LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	PHARYNX
TRACHEA			

OBSERVATIONS

NOSE	OLFACTORY EPITHELIUM	ATROPHY	DIFFUSE, MILD
		ATROPHY	NEURONAL, MILD

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 3053	TRT#: F1-3	DOSE: 300 ppm	SEX: Female	REMOVAL DAY: PND39
GENERATION: F1	SELECTION: F1 Core		DISP: Biological Sampling	HISTO: 1804113

TISSUE STATUS

Within Normal Limits

BRAIN	LARYNX	LIVER	LUNG
LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	PHARYNX	TRACHEA

OBSERVATIONS

KIDNEY		NEPHROPATHY	MINIMAL
NOSE	OLFACTORY EPITHELIUM	ATROPHY	DIFFUSE, MILD
		ATROPHY	NEURONAL, MILD

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 3054	TRT#: F1-3	DOSE: 300 ppm	SEX: Female	REMOVAL DAY: PND39
GENERATION: F1	SELECTION: F1 Core		DISP: Biological Sampling	HISTO: 1804114

TISSUE STATUS

Within Normal Limits

BRAIN	LARYNX	LIVER	LUNG
LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	PHARYNX	TRACHEA

OBSERVATIONS

KIDNEY		NEPHROPATHY	MINIMAL
NOSE	OLFACTORY EPITHELIUM	ATROPHY	DIFFUSE, MILD
		ATROPHY	NEURONAL, MILD

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 3055	TRT#: F1-3	DOSE: 300 ppm	SEX: Female	REMOVAL DAY: PND39
GENERATION: F1	SELECTION: F1 Core		DISP: Biological Sampling	HISTO: 1804115

TISSUE STATUS

Within Normal Limits

BRAIN	KIDNEY	LARYNX	LIVER
LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	PHARYNX
TRACHEA			

OBSERVATIONS

NOSE	OLFACTORY EPITHELIUM	ATROPHY	DIFFUSE, MILD
		ATROPHY	NEURONAL, MILD

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 3056
GENERATION: F1

TRT#: F1-3
SELECTION: F1 Core

DOSE: 300 ppm

SEX: Female
DISP: Biological Sampling

REMOVAL DAY: PND39
HISTO: 1804116

TISSUE STATUS

Within Normal Limits

BRAIN
LYMPH NODE, BRONCHIAL

LARYNX
LYMPH NODE, MEDIASTINAL

LIVER
PHARYNX

LUNG
TRACHEA

OBSERVATIONS

KIDNEY
NOSE

OLFACTORY EPITHELIUM

NEPHROPATHY
ATROPHY
ATROPHY

MINIMAL
DIFFUSE, MILD
NEURONAL, MILD

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 3057
GENERATION: F1

TRT#: F1-3
SELECTION: F1 Core

DOSE: 300 ppm

SEX: Female
DISP: Biological Sampling

REMOVAL DAY: PND39
HISTO: 1804117

TISSUE STATUS

Within Normal Limits

BRAIN	KIDNEY	LARYNX	LIVER
LUNG	LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	PHARYNX
TRACHEA			

OBSERVATIONS

NOSE	OLFACTORY EPITHELIUM	ATROPHY	DIFFUSE, MILD
		ATROPHY	NEURONAL, MILD

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 3058	TRT#: F1-3	DOSE: 300 ppm	SEX: Female	REMOVAL DAY: PND39
GENERATION: F1	SELECTION: F1 Core		DISP: Biological Sampling	HISTO: 1804118

TISSUE STATUS

Within Normal Limits

BRAIN	LARYNX	LIVER	LUNG
LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	PHARYNX	TRACHEA

OBSERVATIONS

KIDNEY	PELVIS, LEFT	DILATION NEPHROPATHY	MILD MINIMAL
NOSE	OLFACTORY EPITHELIUM	ATROPHY ATROPHY	DIFFUSE, MILD NEURONAL, MILD

Observation Comment: TGL 1-9
[DILATION TGLS = TGL1]

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 4051	TRT#: F1-4	DOSE: 600 ppm	SEX: Female	REMOVAL DAY: PND26
GENERATION: F1	SELECTION: F1 Core		DISP: Found Dead	HISTO: 1804119

TISSUE STATUS

Within Normal Limits

BRAIN	LARYNX	LUNG	LYMPH NODE, BRONCHIAL
LYMPH NODE, MEDIASTINAL	PHARYNX	STOMACH, GLANDULAR	TRACHEA

OBSERVATIONS

KIDNEY		NEPHROPATHY	MINIMAL
LIVER	CENTRIOBULAR	HEMORRHAGE	MINIMAL
	CENTRIOBULAR	NECROSIS	MODERATE
LYMPH NODE, MESENTERIC		SINUS ERYTHROCYTOSIS	MARKED

Observation Comment: TGL 2 - 12

[SINUS ERYTHROCYTOSIS TGLS = TGL2]

NO CORRELATE

[NO CORRESPONDING LESION TGLS = TGL1]

NO CORRESPONDING LESION

NOSE	OLFACTORY EPITHELIUM	DEGENERATION	DIFFUSE, MILD
------	----------------------	--------------	---------------

PRIMARY CAUSE OF DEATH - UNDETERMINED

CONTRIBUTORY CAUSE OF DEATH - LIVER NECROSIS CENTRIOBULAR

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 4052

TRT#: F1-4

DOSE: 600 ppm

SEX: Female

REMOVAL DAY: PND26

GENERATION: F1

SELECTION: F1 Core

DISP: Euthanized, Sponsor Request
(not moribund)

HISTO: 1804120

TISSUE STATUS

Within Normal Limits

BRAIN
LYMPH NODE, MEDIASTINAL
TRACHEA

KIDNEY
PHARYNX

LARYNX
SKIN

LUNG
STOMACH, GLANDULAR

MISSING

LYMPH NODE, BRONCHIAL

OBSERVATIONS

LIVER CENTRIOBULAR

NECROSIS MODERATE

NO CORRELATE

NO CORRESPONDING LESION

[NO CORRESPONDING LESION TGLS = TGL2, TGL1]

NOSE OLFACTORY EPITHELIUM

DEGENERATION

DIFFUSE, MILD

CONTRIBUTORY CAUSE OF DEATH

- LIVER NECROSIS CENTRIOBULAR

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 4053
GENERATION: F1

TRT#: F1-4
SELECTION: F1 Core

DOSE: 600 ppm

SEX: Female
DISP: Euthanized, Sponsor Request
(not moribund)

REMOVAL DAY: PND27
HISTO: 1804121

TISSUE STATUS

Within Normal Limits

BRAIN
LYMPH NODE, BRONCHIAL

KIDNEY
LYMPH NODE, MEDIASTINAL

LARYNX
PHARYNX

LUNG
TRACHEA

OBSERVATIONS

LIVER
NOSE
STOMACH, GLANDULAR
Observation Comment: TGL 2 - 11
[HEMORRHAGE TGLS = TGL2]

CENTRIOBULAR
OLFACTORY EPITHELIUM

NECROSIS
DEGENERATION
HEMORRHAGE

MODERATE
DIFFUSE, MILD
MINIMAL

THYMUS
Observation Comment: TGL 3 - 12
[NECROSIS TGLS = TGL3]

NECROSIS

MODERATE

CONTRIBUTORY CAUSE OF DEATH

- LIVER NECROSIS CENTRIOBULAR

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 4054	TRT#: F1-4	DOSE: 600 ppm	SEX: Female	REMOVAL DAY: PND26
GENERATION: F1	SELECTION: F1 Core		DISP: Euthanized, Sponsor Request (not moribund)	HISTO: 1804122

TISSUE STATUS

Within Normal Limits

BRAIN	KIDNEY	LARYNX	LUNG
LYMPH NODE, BRONCHIAL	LYMPH NODE, MEDIASTINAL	PHARYNX	TRACHEA

OBSERVATIONS

BRAIN			
Tissue Comment: No olfactory bulbs present on section.			
LIVER	CENTRILOBULAR	NECROSIS	MINIMAL
NO CORRELATE		NO CORRESPONDING LESION	
[NO CORRESPONDING LESION TGLS = TGL1]			
NOSE	OLFACTORY EPITHELIUM	DEGENERATION	DIFFUSE, MILD

CONTRIBUTORY CAUSE OF DEATH	- LIVER NECROSIS CENTRILOBULAR
-----------------------------	--------------------------------

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 4055	TRT#: F1-4	DOSE: 600 ppm	SEX: Female	REMOVAL DAY: PND26
GENERATION: F1	SELECTION: F1 Core		DISP: Found Dead	HISTO: 1804123

TISSUE STATUS

Within Normal Limits

BRAIN	LARYNX	LUNG	LYMPH NODE, MEDIASTINAL
PHARYNX	STOMACH, GLANDULAR	TRACHEA	

MISSING

LYMPH NODE, BRONCHIAL

OBSERVATIONS

KIDNEY	PELVIS	INFLAMMATION	ACUTE, MINIMAL
LIVER	CENTRIOBULAR	NECROSIS	MODERATE
NO CORRELATE		NO CORRESPONDING LESION	
[NO CORRESPONDING LESION TGLS = TGL1]			
NOSE	OLFACTORY EPITHELIUM	DEGENERATION	DIFFUSE, MILD

CONTRIBUTORY CAUSE OF DEATH - LIVER NECROSIS CENTRIOBULAR

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 4056	TRT#: F1-4	DOSE: 600 ppm	SEX: Female	REMOVAL DAY: PND26
GENERATION: F1	SELECTION: F1 Core		DISP: Euthanized Moribund	HISTO: 1804124

TISSUE STATUS

Within Normal Limits

BRAIN	KIDNEY	LARYNX	LUNG
LYMPH NODE, MEDIASTINAL	PHARYNX	TRACHEA	

MISSING

LYMPH NODE, BRONCHIAL

OBSERVATIONS

LIVER	CENTRIOBULAR	NECROSIS	MINIMAL
NOSE	OLFACTORY EPITHELIUM	DEGENERATION	DIFFUSE, MILD
STOMACH, GLANDULAR		HEMORRHAGE	MINIMAL

Observation Comment: TGL 3 - 11

[HEMORRHAGE TGLS = TGL3]

CONTRIBUTORY CAUSE OF DEATH - LIVER NECROSIS CENTRIOBULAR

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 4057
GENERATION: F1

TRT#: F1-4
SELECTION: F1 Core

DOSE: 600 ppm

SEX: Female
DISP: Euthanized, Sponsor Request
(not moribund)

REMOVAL DAY: PND27
HISTO: 1804125

TISSUE STATUS

Within Normal Limits

BRAIN
LYMPH NODE, BRONCHIAL
TRACHEA

KIDNEY
LYMPH NODE, MEDIASTINAL

LARYNX
PHARYNX

LUNG
SKIN

OBSERVATIONS

LIVER
CENTRIOLOBULAR
CENTRIOLOBULAR
NO CORRELATE
[NO CORRESPONDING LESION TGLS = TGL1]

NOSE
STOMACH, GLANDULAR
Observation Comment: TGL 3 - 13
[HEMORRHAGE TGLS = TGL3]

THYMUS
Observation Comment: TGL 2 - 12
[NECROSIS TGLS = TGL2]

HEMORRHAGE
NECROSIS
NO CORRESPONDING LESION

DEGENERATION
HEMORRHAGE
DIFFUSE, MILD
MINIMAL

NECROSIS
MODERATE

CONTRIBUTORY CAUSE OF DEATH

- LIVER NECROSIS CENTRIOLOBULAR

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

ANIMAL ID: 4058

TRT#: F1-4

DOSE: 600 ppm

SEX: Female

REMOVAL DAY: PND26

GENERATION: F1

SELECTION: F1 Core

DISP: Euthanized, Sponsor Request
(not moribund)

HISTO: 1804126

TISSUE STATUS

Within Normal Limits

BRAIN
LYMPH NODE, MEDIASTINAL

KIDNEY
PHARYNX

LARYNX
STOMACH, GLANDULAR

LUNG
TRACHEA

MISSING

LYMPH NODE, BRONCHIAL

OBSERVATIONS

LIVER
CENTRIOBULAR
CENTRIOBULAR

HEMORRHAGE
NECROSIS
MINIMAL
MARKED

NO CORRELATE

NO CORRESPONDING LESION

[NO CORRESPONDING LESION TGLS = TGL1]

NOSE
OLFACTORY EPITHELIUM

DEGENERATION

DIFFUSE, MILD

CONTRIBUTORY CAUSE OF DEATH

- LIVER NECROSIS CENTRIOBULAR

Study Number: C15011B-01

Test Type: TOX

Route: Whole-Body Inhalation

Species/Strain: Rat/Harlan Sprague Dawley

PA14: Individual Animal Pathology Data

Test Compound: 2-Ethyltoluene

CAS Number: 611-14-3

Date Report Requested: 03/31/2021

Time Report Requested: 08:25:23

Lab: Battelle

LEGEND

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

**** END OF REPORT ****