C Number:	I20045
Study Gender:	Female
PWG Approval Date	See web page for date of PWG Approval

ANIMAL ID: 137	**TRT#:** PC1	**DOSE:** 50 mg/kg CPS	**SEX:** Female	**REMOVAL DAY:** SD28
	SELECTION: Immunopath Cohort		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 24645

Animal Note: DJC

ANIMAL ID: 138	**TRT#:** PC1	**DOSE:** 50 mg/kg CPS	**SEX:** Female	**REMOVAL DAY:** SD28
	SELECTION: Immunopath Cohort		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 24616

Animal Note: DJC

ANIMAL ID: 139	**TRT#:** PC1	**DOSE:** 50 mg/kg CPS	**SEX:** Female	**REMOVAL DAY:** SD28
	SELECTION: Immunopath Cohort		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 24634

Animal Note: DJC

ANIMAL ID: 140	**TRT#:** PC1	**DOSE:** 50 mg/kg CPS	**SEX:** Female	**REMOVAL DAY:** SD28
	SELECTION: Immunopath Cohort		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 24543

Animal Note: DJC

ANIMAL ID: 141	**TRT#:** PC1	**DOSE:** 50 mg/kg CPS	**SEX:** Female	**REMOVAL DAY:** SD28
	SELECTION: Immunopath Cohort		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 24518

Animal Note: DJC

ANIMAL ID: 142	**TRT#:** PC1	**DOSE:** 50 mg/kg CPS	**SEX:** Female	**REMOVAL DAY:** SD28
	SELECTION: Immunopath Cohort		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 24574

Animal Note: DBK

ANIMAL ID: 143	**TRT#:** PC1	**DOSE:** 50 mg/kg CPS	**SEX:** Female	**REMOVAL DAY:** SD28
	SELECTION: Immunopath Cohort		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 24571

Animal Note: DJC

ANIMAL ID: 144	**TRT#:** PC1	**DOSE:** 50 mg/kg CPS	**SEX:** Female	**REMOVAL DAY:** SD28
	SELECTION: Immunopath Cohort		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 24572

Animal Note: DJH

ANIMAL ID: 25	**TRT#:** TA1	**DOSE:** 12.5 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD28
	SELECTION: Immunopath Cohort		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 24540

TISSUE STATUS

No Visible Lesions

ANIMAL IDENTIFICATION	BALT	BONE MARROW	BONE, FEMUR, LEFT
KIDNEY, RIGHT	LIVER	LYMPH NODE, MESENTERIC	LYMPH NODE, POPLITEAL
OVARY, LEFT	SPLEEN		

OBSERVATIONS

ADRENAL GLAND, RIGHT		HYPERPLASIA	SUBCAPSULAR, MILD
LUNG	PLEURA	INFLAMMATION	CHRONIC-ACTIVE, MILD
LYMPH NODE, POPLITEAL			
Tissue Comment: Only one of a pair available for evaluation.			
THYMUS		CYST	
Observation Comment: Present per PWG consensus			

Animal Note: DJC

ANIMAL ID: 26	**TRT#:** TA1	**DOSE:** 12.5 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD28
	SELECTION: Immunopath Cohort		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 24555

TISSUE STATUS

No Visible Lesions

BALT	BONE MARROW	BONE, FEMUR, LEFT	KIDNEY, RIGHT
LIVER	LYMPH NODE, MESENTERIC	LYMPH NODE, POPLITEAL	OVARY, LEFT
SPLEEN			

OBSERVATIONS

ADRENAL GLAND, RIGHT	HYPERPLASIA	SUBCAPSULAR, MILD
LUNG	CONGESTION	MILD
[CONGESTION TGLS = TGL1-1]		
LYMPH NODE, POPLITEAL		
Tissue Comment: One of a pair available fore evaluation.		
THYMUS	CYST	
Observation Comment: Present per PWG consensus		

Animal Note: Provantis session corrupted locking data entry for this animal. Therefore, death details, gross observations, and organ weights were recorded on paper and the raw data maintained in the study record. The raw data was transcribed into Provantis retrospectively.

ANIMAL ID: 27	**TRT#:** TA1	**DOSE:** 12.5 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD28
	SELECTION: Immunopath Cohort		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 24588

TISSUE STATUS

No Visible Lesions

BALT	BONE MARROW	BONE, FEMUR, LEFT	KIDNEY, RIGHT
LIVER	LUNG	LYMPH NODE, MESENTERIC	LYMPH NODE, POPLITEAL
OVARY, LEFT	SPLEEN		

OBSERVATIONS

ADRENAL GLAND, RIGHT	HYPERPLASIA	SUBCAPSULAR, MILD
LYMPH NODE, POPLITEAL		
Tissue Comment: One of a pair available fore evaluation. Cortex and interfollicular area not present on slide.		
THYMUS	CYST	

Animal Note: DJC

ANIMAL ID: 28	**TRT#:** TA1	**DOSE:** 12.5 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD28
	SELECTION: Immunopath Cohort		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 24587

TISSUE STATUS

No Visible Lesions

BALT	BONE MARROW	BONE, FEMUR, LEFT	KIDNEY, RIGHT
LIVER	LYMPH NODE, MESENTERIC	LYMPH NODE, POPLITEAL	OVARY, LEFT
SPLEEN	THYMUS		

OBSERVATIONS

ADRENAL GLAND, RIGHT	HYPERPLASIA	SUBCAPSULAR, MILD
LUNG	CONGESTION	MILD
[CONGESTION TGLS = TGL1-1]		
LYMPH NODE, POPLITEAL		
Tissue Comment: One of a pair available fore evaluation.		

Animal Note: DJC

ANIMAL ID: 29	**TRT#:** TA1	**DOSE:** 12.5 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD28
	SELECTION: Immunopath Cohort		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 24547

TISSUE STATUS

No Visible Lesions

BALT	BONE MARROW	BONE, FEMUR, LEFT	LIVER
LUNG	LYMPH NODE, MESENTERIC	LYMPH NODE, POPLITEAL	OVARY, LEFT
SPLEEN			

OBSERVATIONS

ADRENAL GLAND, RIGHT	HYPERPLASIA	SUBCAPSULAR, MILD
KIDNEY, RIGHT	NO CORRESPONDING LESION	
[NO CORRESPONDING LESION TGLS = TGL1-NCL]		
LYMPH NODE, POPLITEAL		
Tissue Comment: One of a pair available fore evaluation.		
THYMUS	CYST	

Animal Note: DBK

ANIMAL ID: 30	**TRT#:** TA1	**DOSE:** 12.5 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD28
	SELECTION: Immunopath Cohort		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 24630

TISSUE STATUS

No Visible Lesions

BALT	BONE MARROW	BONE, FEMUR, LEFT	KIDNEY, RIGHT
LIVER	LYMPH NODE, MESENTERIC	LYMPH NODE, POPLITEAL	OVARY, LEFT
THYMUS			

OBSERVATIONS

ADRENAL GLAND, RIGHT		HYPERPLASIA	SUBCAPSULAR, MINIMAL
LUNG	PLEURA	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
SPLEEN		NO CORRESPONDING LESION	

[NO CORRESPONDING LESION TGLS = TGL1-NCL]

THYMUS

Tissue Comment: Considerable sectioning artifact is present.

Animal Note: DJH

ANIMAL ID: 31	**TRT#:** TA1	**DOSE:** 12.5 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD28
	SELECTION: Immunopath Cohort		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 24605

TISSUE STATUS

No Visible Lesions

ADRENAL GLAND, RIGHT	BALT	BONE MARROW	BONE, FEMUR, LEFT
LIVER	LUNG	LYMPH NODE, MESENTERIC	LYMPH NODE, POPLITEAL
OVARY, LEFT	SPLEEN		

OBSERVATIONS

KIDNEY, RIGHT	NEPHROPATHY	MINIMAL
LYMPH NODE, POPLITEAL		
Tissue Comment: One of a pair available fore evaluation.		
THYMUS	CYST	
Observation Comment: Present per PWG consensus		

Animal Note: DBK

ANIMAL ID: 32	**TRT#:** TA1	**DOSE:** 12.5 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD28
	SELECTION: Immunopath Cohort		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 24598

TISSUE STATUS

No Visible Lesions

BALT	BONE MARROW	BONE, FEMUR, LEFT	LIVER
LUNG	LYMPH NODE, MESENTERIC	LYMPH NODE, POPLITEAL	OVARY, LEFT
SPLEEN	THYMUS		

OBSERVATIONS

ADRENAL GLAND, RIGHT	HYPERPLASIA	SUBCAPSULAR, MILD
KIDNEY, RIGHT	NO CORRESPONDING LESION	
[NO CORRESPONDING LESION TGLS = TGL1-NCL]		
THYMUS		
Tissue Comment: Medulla not present on slide.		

Animal Note: DJC

ANIMAL ID: 41	**TRT#:** TA2	**DOSE:** 25 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD5
	SELECTION: Immunopath Cohort		**DISP:** Euthanized Moribund	**HISTO:** 24509

PRIMARY CAUSE OF DEATH - UNDETERMINED

Animal Note: - internal organs appear normal
- food in stomach and intestines
- blood in thoracic cavity
- nicking trachea did not reveal obvious signs of installation of dosing solution
- no obvious signs of gavage trauma

ANIMAL ID: 42	**TRT#:** TA2	**DOSE:** 25 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD11
	SELECTION: Immunopath Cohort		**DISP:** Euthanized Moribund	**HISTO:** 24506

PRIMARY CAUSE OF DEATH - GAVAGE ACCIDENT

Animal Note: - food in stomach
- intestines empty
- major organs appear normal
- oil and blood in thoracic cavity

ANIMAL ID: 43	**TRT#:** TA2	**DOSE:** 25 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD28
	SELECTION: Immunopath Cohort		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 24594

TISSUE STATUS

No Visible Lesions

BALT	BONE MARROW	BONE, FEMUR, LEFT	KIDNEY, RIGHT
LIVER	LUNG	LYMPH NODE, MESENTERIC	LYMPH NODE, POPLITEAL
OVARY, LEFT	SPLEEN		

OBSERVATIONS

ADRENAL GLAND, RIGHT	HYPERPLASIA	SUBCAPSULAR, MILD
THYMUS	CYST	

Animal Note: DJC

ANIMAL ID: 44	**TRT#:** TA2	**DOSE:** 25 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD28
	SELECTION: Immunopath Cohort		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 24562

TISSUE STATUS

No Visible Lesions

BALT	BONE MARROW	BONE, FEMUR, LEFT	KIDNEY, RIGHT
LIVER	LYMPH NODE, MESENTERIC	LYMPH NODE, POPLITEAL	OVARY, LEFT
SPLEEN			

OBSERVATIONS

ADRENAL GLAND, RIGHT		HYPERPLASIA	SUBCAPSULAR, MILD
LUNG	ARTERY, PULMONARY	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
THYMUS		CYST	

Animal Note: DBK

ANIMAL ID: 45	**TRT#:** TA2	**DOSE:** 25 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD28
	SELECTION: Immunopath Cohort		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 24521

TISSUE STATUS

No Visible Lesions

BALT	BONE MARROW	BONE, FEMUR, LEFT	LIVER
LUNG	LYMPH NODE, MESENTERIC	LYMPH NODE, POPLITEAL	OVARY, LEFT
THYMUS			

OBSERVATIONS

ADRENAL GLAND, RIGHT	HYPERPLASIA	SUBCAPSULAR, MILD
KIDNEY, RIGHT	INFLAMMATION	CHRONIC, MINIMAL
SPLEEN	NO CORRESPONDING LESION	
[NO CORRESPONDING LESION TGLS = TGL1-NCL]		

Animal Note: DJH

ANIMAL ID: 46	**TRT#:** TA2	**DOSE:** 25 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD28
	SELECTION: Immunopath Cohort		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 24549

TISSUE STATUS

No Visible Lesions

BALT	BONE MARROW	BONE, FEMUR, LEFT	LIVER
LUNG	LYMPH NODE, MESENTERIC	LYMPH NODE, POPLITEAL	OVARY, LEFT
SPLEEN			

OBSERVATIONS

ADRENAL GLAND, RIGHT		HYPERPLASIA	SUBCAPSULAR, MILD
KIDNEY, RIGHT	PAPILLA	MINERALIZATION	MILD
LYMPH NODE, POPLITEAL			
Tissue Comment: One of a pair available fore evaluation.			
THYMUS		CYST	
Observation Comment: Present per PWG consensus			

Animal Note: DJC

ANIMAL ID: 47	**TRT#:** TA2	**DOSE:** 25 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD28
	SELECTION: Immunopath Cohort		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 24576

TISSUE STATUS

No Visible Lesions

BALT	BONE MARROW	BONE, FEMUR, LEFT	KIDNEY, RIGHT
LIVER	LYMPH NODE, MESENTERIC	LYMPH NODE, POPLITEAL	OVARY, LEFT
SPLEEN			

OBSERVATIONS

ADRENAL GLAND, RIGHT		HYPERPLASIA	SUBCAPSULAR, MILD
LUNG	PLEURA	INFLAMMATION	CHRONIC-ACTIVE, MILD
[INFLAMMATION TGLS = TGL2-1]			
LYMPH NODE, POPLITEAL			
Tissue Comment: One of a pair available fore evaluation.			
THYMUS		CYST	
		NO CORRESPONDING LESION	
[NO CORRESPONDING LESION TGLS = TGL3-NCL]			

Animal Note: DJH

ANIMAL ID: 48	**TRT#:** TA2	**DOSE:** 25 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD28
	SELECTION: Immunopath Cohort		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 24539

TISSUE STATUS

No Visible Lesions

BALT	BONE MARROW	BONE, FEMUR, LEFT	LIVER
LUNG	LYMPH NODE, MESENTERIC	LYMPH NODE, POPLITEAL	OVARY, LEFT
SPLEEN	THYMUS		

OBSERVATIONS

ADRENAL GLAND, RIGHT	HYPERPLASIA	SUBCAPSULAR, MILD
KIDNEY, RIGHT	INFLAMMATION	CHRONIC, MINIMAL
LYMPH NODE, POPLITEAL		

Tissue Comment: One of a pair available fore evaluation.

Animal Note: DJC

ANIMAL ID: 57	**TRT#:** TA3	**DOSE:** 50 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD28
	SELECTION: Immunopath Cohort		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 24581

TISSUE STATUS

No Visible Lesions

BALT	BONE MARROW	BONE, FEMUR, LEFT	KIDNEY, RIGHT
LIVER	LYMPH NODE, MESENTERIC	LYMPH NODE, POPLITEAL	OVARY, LEFT
SPLEEN	THYMUS		

OBSERVATIONS

ADRENAL GLAND, RIGHT	HYPERPLASIA	SUBCAPSULAR, MILD
LUNG	CONGESTION	MILD
[CONGESTION TGLS = TGL1-1]		
LYMPH NODE, POPLITEAL		
Tissue Comment: One of a pair available fore evaluation.		

Animal Note: DBK

ANIMAL ID: 58	**TRT#:** TA3	**DOSE:** 50 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD4
	SELECTION: Immunopath Cohort		**DISP:** Euthanized Moribund	**HISTO:** 24546

PRIMARY CAUSE OF DEATH - UNDETERMINED

Animal Note: - internal organs appear normal
- stomach, intestines full and appear normal
- no food/oil pocket to suggest trauma
- nicking trachea did not release oil
- animal became moribund quickly following dosing, suggestive of aspiration of doing solution

ANIMAL ID: 59	**TRT#:** TA3	**DOSE:** 50 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD28
	SELECTION: Immunopath Cohort		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 24585

TISSUE STATUS

No Visible Lesions

BALT	BONE MARROW	BONE, FEMUR, LEFT	KIDNEY, RIGHT
LIVER	LYMPH NODE, MESENTERIC	LYMPH NODE, POPLITEAL	OVARY, LEFT
SPLEEN			

OBSERVATIONS

ADRENAL GLAND, RIGHT	HYPERPLASIA	SUBCAPSULAR, MILD
LUNG	CONGESTION	MODERATE
[CONGESTION TGLS = TGL1-1]		
LYMPH NODE, POPLITEAL		
Tissue Comment: One of a pair available fore evaluation.		
THYMUS	CYST	

Animal Note: DJC

ANIMAL ID: 60	**TRT#:** TA3	**DOSE:** 50 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD5
	SELECTION: Immunopath Cohort		**DISP:** Euthanized Moribund	**HISTO:** 24615

PRIMARY CAUSE OF DEATH - GAVAGE ACCIDENT

Animal Note: - internal organs appear normal
- food/oil in thoracic cavity
- little food in stomach, almost none in intestine

ANIMAL ID: 61	**TRT#:** TA3	**DOSE:** 50 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD28
	SELECTION: Immunopath Cohort		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 24602

TISSUE STATUS

No Visible Lesions

BALT	BONE MARROW	BONE, FEMUR, LEFT	KIDNEY, RIGHT
LIVER	LUNG	LYMPH NODE, MESENTERIC	OVARY, LEFT
SPLEEN			

NOT PRESENT

LYMPH NODE, POPLITEAL

OBSERVATIONS

ADRENAL GLAND, RIGHT	HYPERPLASIA	SUBCAPSULAR, MILD
ESOPHAGUS	INFLAMMATION	CHRONIC, MINIMAL
THYMUS	CYST	

Animal Note: DJC

ANIMAL ID: 62	**TRT#:** TA3	**DOSE:** 50 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD28
	SELECTION: Immunopath Cohort		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 24519

TISSUE STATUS

No Visible Lesions

BALT	BONE MARROW	BONE, FEMUR, LEFT	KIDNEY, RIGHT
LIVER	LUNG	LYMPH NODE, MESENTERIC	LYMPH NODE, POPLITEAL
OVARY, LEFT	SPLEEN	THYMUS	

OBSERVATIONS

ADRENAL GLAND, RIGHT	HYPERPLASIA	SUBCAPSULAR, MILD
LYMPH NODE, MESENTERIC		

Tissue Comment: Inadequate due to superficial sectioning

Animal Note: DJH

ANIMAL ID: 63	**TRT#:** TA3	**DOSE:** 50 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD10
	SELECTION: Immunopath Cohort		**DISP:** Dosing Accident, Found Dead	**HISTO:** 24565

PRIMARY CAUSE OF DEATH - UNDETERMINED

Animal Note: Mouse died immediately following gavage
- internal organs appear normal
- no obvious signs of gavage trauma
- oil and food in stomach

ANIMAL ID: 64	**TRT#:** TA3	**DOSE:** 50 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD28
	SELECTION: Immunopath Cohort		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 24613

TISSUE STATUS

No Visible Lesions

BALT	BONE MARROW	BONE, FEMUR, LEFT	LIVER
LYMPH NODE, MESENTERIC	LYMPH NODE, POPLITEAL	OVARY, LEFT	SPLEEN

OBSERVATIONS

ADRENAL GLAND, RIGHT	ACCESSORY ADRENOCORTICAL NODULE	
	HYPERPLASIA	SUBCAPSULAR, MINIMAL
KIDNEY, RIGHT	INFLAMMATION	CHRONIC, MINIMAL
LUNG	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
THYMUS	CYST	
	NO CORRESPONDING LESION	

[NO CORRESPONDING LESION TGLS = TGL1-NCL]

Animal Note: DBK

ANIMAL ID: 73	**TRT#:** TA4	**DOSE:** 100 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD28
	SELECTION: Immunopath Cohort		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 24655

TISSUE STATUS

No Visible Lesions

BALT	BONE MARROW	BONE, FEMUR, LEFT	LIVER
LYMPH NODE, MESENTERIC	LYMPH NODE, POPLITEAL	OVARY, LEFT	THYMUS

OBSERVATIONS

ADRENAL GLAND, RIGHT	HYPERPLASIA	SUBCAPSULAR, MILD
KIDNEY, RIGHT	INFLAMMATION	CHRONIC, MINIMAL
LUNG	CONGESTION	MINIMAL
[CONGESTION TGLS = TGL1-1]		
LYMPH NODE, POPLITEAL		
Tissue Comment: Medullary Cords and Subcapsular/transverse medullary sinuses not present in section.		
SPLEEN	NO CORRESPONDING LESION	
[NO CORRESPONDING LESION TGLS = TGL2-NCL]		

Animal Note: DBK

ANIMAL ID: 74	**TRT#:** TA4	**DOSE:** 100 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD28
	SELECTION: Immunopath Cohort		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 24593

TISSUE STATUS

No Visible Lesions

BALT	BONE MARROW	BONE, FEMUR, LEFT	KIDNEY, RIGHT
LIVER	LUNG	LYMPH NODE, MESENTERIC	LYMPH NODE, POPLITEAL
OVARY, LEFT	SPLEEN		

OBSERVATIONS

ADRENAL GLAND, RIGHT	HYPERPLASIA	SUBCAPSULAR, MINIMAL
THYMUS	CYST	
Observation Comment: Present per PWG consensus		

Animal Note: DBK

ANIMAL ID: 75	**TRT#:** TA4	**DOSE:** 100 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD8
	SELECTION: Immunopath Cohort		**DISP:** Euthanized Moribund	**HISTO:** 24527

PRIMARY CAUSE OF DEATH - GAVAGE ACCIDENT

Animal Note: - internal organs appear normal
- food in stomach/intestines
- oil/food in thoracic cavity

ANIMAL ID: 76	**TRT#:** TA4	**DOSE:** 100 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD28
	SELECTION: Immunopath Cohort		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 24631

TISSUE STATUS

No Visible Lesions

BALT	BONE MARROW	BONE, FEMUR, LEFT	KIDNEY, RIGHT
LIVER	LYMPH NODE, MESENTERIC	LYMPH NODE, POPLITEAL	OVARY, LEFT
SPLEEN			

OBSERVATIONS

ADRENAL GLAND, RIGHT	HYPERPLASIA	SUBCAPSULAR, MILD
LUNG	CONGESTION	MINIMAL
[CONGESTION TGLS = TGL1-1]		
THYMUS	CYST	
Observation Comment: Present per PWG consensus		

Animal Note: DBK

ANIMAL ID: 77	**TRT#:** TA4	**DOSE:** 100 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD3
	SELECTION: Immunopath Cohort		**DISP:** Euthanized Moribund	**HISTO:** 24606

PRIMARY CAUSE OF DEATH - GAVAGE ACCIDENT

Animal Note: - internal organs appear normal
- some food in stomach, but little contents in intestine
- fluid in intestine
- area found with food/oil consistent with gavage trauma

ANIMAL ID: 78	**TRT#:** TA4	**DOSE:** 100 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD28
	SELECTION: Immunopath Cohort		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 24569

TISSUE STATUS

No Visible Lesions

BALT	BONE MARROW	BONE, FEMUR, LEFT	LIVER
LUNG	LYMPH NODE, MESENTERIC	LYMPH NODE, POPLITEAL	OVARY, LEFT
SPLEEN			

OBSERVATIONS

ADRENAL GLAND, RIGHT	HYPERPLASIA	SUBCAPSULAR, MILD
KIDNEY, RIGHT	INFLAMMATION	CHRONIC, MINIMAL
LYMPH NODE, POPLITEAL		
Tissue Comment: Medullary Cords and Subcapsular/transverse medullary sinuses not present in section.		
THYMUS	CYST	

Animal Note: DBK

ANIMAL ID: 79	**TRT#:** TA4	**DOSE:** 100 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD1
	SELECTION: Immunopath Cohort		**DISP:** Euthanized Moribund	**HISTO:** 24514

PRIMARY CAUSE OF DEATH - GAVAGE ACCIDENT

Animal Note: - stomach full of food
- large intestine full
- small intestine empty
- liver, kidney, spleen appear normal
- food in shoulder/arm pit area of front left limb with oil present
- heart appears normal
- lungs consistent with euthanasia

ANIMAL ID: 80	**TRT#:** TA4	**DOSE:** 100 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD28
	SELECTION: Immunopath Cohort		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 24551

TISSUE STATUS

No Visible Lesions

BALT	BONE MARROW	BONE, FEMUR, LEFT	KIDNEY, RIGHT
LIVER	LUNG	LYMPH NODE, MESENTERIC	LYMPH NODE, POPLITEAL
OVARY, LEFT	SPLEEN		

OBSERVATIONS

ADRENAL GLAND, RIGHT	HYPERPLASIA	SUBCAPSULAR, MILD
THYMUS	CYST	

Animal Note: DJH

ANIMAL ID: 89	**TRT#:** TA5	**DOSE:** 200 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD28
	SELECTION: Immunopath Cohort		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 24652

TISSUE STATUS

No Visible Lesions

BALT	BONE MARROW	BONE, FEMUR, LEFT	KIDNEY, RIGHT
LIVER	LUNG	LYMPH NODE, MESENTERIC	LYMPH NODE, POPLITEAL
OVARY, LEFT	SPLEEN		

OBSERVATIONS

ADRENAL GLAND, RIGHT	HYPERPLASIA	SUBCAPSULAR, MILD
ESOPHAGUS	INFLAMMATION	CHRONIC, MILD
Observation Comment: with foreign material		
LYMPH NODE, POPLITEAL		
Tissue Comment: One of a pair available fore evaluation.		
THYMUS	CYST	

Animal Note: DJH

ANIMAL ID: 90	**TRT#:** TA5	**DOSE:** 200 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD28
	SELECTION: Immunopath Cohort		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 24610

TISSUE STATUS

No Visible Lesions

BALT	BONE MARROW	BONE, FEMUR, LEFT	KIDNEY, RIGHT
LIVER	LUNG	LYMPH NODE, MESENTERIC	LYMPH NODE, POPLITEAL
OVARY, LEFT	SPLEEN		

OBSERVATIONS

ADRENAL GLAND, RIGHT	HYPERPLASIA	SUBCAPSULAR, MILD
LYMPH NODE, POPLITEAL		
Tissue Comment: One of a pair available fore evaluation.		
THYMUS	CYST	

Animal Note: DBK

ANIMAL ID: 91	**TRT#:** TA5	**DOSE:** 200 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD28
	SELECTION: Immunopath Cohort		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 24531

TISSUE STATUS

No Visible Lesions

BALT	BONE MARROW	BONE, FEMUR, LEFT	KIDNEY, RIGHT
LIVER	LUNG	LYMPH NODE, MESENTERIC	LYMPH NODE, POPLITEAL
OVARY, LEFT	SPLEEN		

OBSERVATIONS

ADRENAL GLAND, RIGHT	HYPERPLASIA	SUBCAPSULAR, MILD
LYMPH NODE, POPLITEAL		
Tissue Comment: One of a pair available fore evaluation.		
THYMUS	CYST	

Animal Note: DBK

ANIMAL ID: 92	**TRT#:** TA5	**DOSE:** 200 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD28
	SELECTION: Immunopath Cohort		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 24545

TISSUE STATUS

No Visible Lesions

BALT	BONE MARROW	BONE, FEMUR, LEFT	KIDNEY, RIGHT
LIVER	LYMPH NODE, MESENTERIC	LYMPH NODE, POPLITEAL	OVARY, LEFT
SPLEEN			

OBSERVATIONS

ADRENAL GLAND, RIGHT	HYPERPLASIA	SUBCAPSULAR, MILD
ESOPHAGUS	INFLAMMATION	CHRONIC, MODERATE
LUNG	INFLAMMATION	CHRONIC-ACTIVE, MINIMAL
LYMPH NODE, POPLITEAL		
Tissue Comment: One of a pair available fore evaluation.		
THYMUS	CYST	
Observation Comment: Present per PWG consensus		

Animal Note: DJH

ANIMAL ID: 93	**TRT#:** TA5	**DOSE:** 200 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD28
	SELECTION: Immunopath Cohort		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 24512

TISSUE STATUS

No Visible Lesions

BALT	BONE MARROW	BONE, FEMUR, LEFT	KIDNEY, RIGHT
LIVER	LUNG	LYMPH NODE, POPLITEAL	OVARY, LEFT
SPLEEN			

NOT PRESENT

LYMPH NODE, MESENTERIC

OBSERVATIONS

ADRENAL GLAND, RIGHT	HYPERPLASIA	SUBCAPSULAR, MINIMAL
ESOPHAGUS	INFLAMMATION	CHRONIC, MILD
LYMPH NODE, POPLITEAL		
Tissue Comment: One of a pair available fore evaluation.		
THYMUS	CYST	
Observation Comment: Present per PWG consensus		

Animal Note: DBK

ANIMAL ID: 94	**TRT#:** TA5	**DOSE:** 200 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD28
	SELECTION: Immunopath Cohort		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 24604

TISSUE STATUS

No Visible Lesions

BALT	BONE MARROW	BONE, FEMUR, LEFT	LIVER
LYMPH NODE, MESENTERIC	LYMPH NODE, POPLITEAL	OVARY, LEFT	SPLEEN

OBSERVATIONS

ADRENAL GLAND, RIGHT	HYPERPLASIA	SUBCAPSULAR, MILD
KIDNEY, RIGHT	NEPHROPATHY	MINIMAL
LUNG	CONGESTION	MILD
[CONGESTION TGLS = TGL1-1]		
THYMUS	CYST	
	ECTOPIC TISSUE	

Animal Note: DJH

ANIMAL ID: 95	**TRT#:** TA5	**DOSE:** 200 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD2
	SELECTION: Immunopath Cohort		**DISP:** Euthanized Moribund	**HISTO:** 24505

PRIMARY CAUSE OF DEATH - GAVAGE ACCIDENT

Animal Note: - stomach partially full of food
- internal organs appear normal
- food and oil present in shoulder area of right forelimb

ANIMAL ID: 96	**TRT#:** TA5	**DOSE:** 200 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD28
	SELECTION: Immunopath Cohort		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 24612

TISSUE STATUS

No Visible Lesions

BALT	BONE MARROW	BONE, FEMUR, LEFT	KIDNEY, RIGHT
LIVER	LUNG	LYMPH NODE, MESENTERIC	LYMPH NODE, POPLITEAL
OVARY, LEFT	SPLEEN		

OBSERVATIONS

ADRENAL GLAND, RIGHT	ACCESSORY ADRENOCORTICAL NODULE	
	HYPERPLASIA	SUBCAPSULAR, MINIMAL
ESOPHAGUS	INFLAMMATION	CHRONIC, MILD
THYMUS	CYST	

Animal Note: DJC

ANIMAL ID: 105	**TRT#:** TA6	**DOSE:** 400 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD28
	SELECTION: Immunopath Cohort		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 24504

TISSUE STATUS

No Visible Lesions

BALT	BONE MARROW	BONE, FEMUR, LEFT	LIVER
LUNG	LYMPH NODE, MESENTERIC	LYMPH NODE, POPLITEAL	OVARY, LEFT
SPLEEN			

OBSERVATIONS

ADRENAL GLAND, RIGHT	HYPERPLASIA	SUBCAPSULAR, MILD
KIDNEY, RIGHT	NEPHROPATHY	MINIMAL
LYMPH NODE, POPLITEAL		
Tissue Comment: One of a pair available fore evaluation.		
THYMUS	CYST	
Observation Comment: Present per PWG consensus		

Animal Note: DJH

ANIMAL ID: 106	**TRT#:** TA6	**DOSE:** 400 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD28
	SELECTION: Immunopath Cohort		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 24538

TISSUE STATUS

No Visible Lesions

BALT	BONE MARROW	BONE, FEMUR, LEFT	LIVER
LUNG	LYMPH NODE, MESENTERIC	LYMPH NODE, POPLITEAL	OVARY, LEFT
SPLEEN			

OBSERVATIONS

ADRENAL GLAND, RIGHT	ACCESSORY ADRENOCORTICAL NODULE	
	HYPERPLASIA	SUBCAPSULAR, MILD
KIDNEY, RIGHT	NEPHROPATHY	MINIMAL
LYMPH NODE, POPLITEAL		
Tissue Comment: One of a pair available fore evaluation.		
THYMUS	CYST	
Observation Comment: Present per PWG consensus		

Animal Note: DJC

ANIMAL ID: 107	**TRT#:** TA6	**DOSE:** 400 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD28
	SELECTION: Immunopath Cohort		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 24637

TISSUE STATUS

No Visible Lesions

BALT	BONE MARROW	BONE, FEMUR, LEFT	LIVER
LYMPH NODE, MESENTERIC	LYMPH NODE, POPLITEAL	OVARY, LEFT	SPLEEN

OBSERVATIONS

ADRENAL GLAND, RIGHT	HYPERPLASIA	SUBCAPSULAR, MILD
KIDNEY, RIGHT	INFLAMMATION	CHRONIC, MINIMAL
LUNG	CONGESTION	MINIMAL
[CONGESTION TGLS = TGL1-1]		
THYMUS	CYST	

Animal Note: DJH

ANIMAL ID: 108	**TRT#:** TA6	**DOSE:** 400 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD28
	SELECTION: Immunopath Cohort		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 24628

TISSUE STATUS

No Visible Lesions

BALT	BONE MARROW	BONE, FEMUR, LEFT	KIDNEY, RIGHT
LIVER	LUNG	LYMPH NODE, MESENTERIC	LYMPH NODE, POPLITEAL
OVARY, LEFT			

OBSERVATIONS

ADRENAL GLAND, RIGHT	HYPERPLASIA	SUBCAPSULAR, MILD
LYMPH NODE, POPLITEAL		
Tissue Comment: One of a pair available fore evaluation.		
SPLEEN	NO CORRESPONDING LESION	
[NO CORRESPONDING LESION TGLS = TGL1-NCL]		
THYMUS	CYST	

Animal Note: DJH

ANIMAL ID: 109	**TRT#:** TA6	**DOSE:** 400 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD28
	SELECTION: Immunopath Cohort		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 24554

TISSUE STATUS

No Visible Lesions

BALT	BONE MARROW	BONE, FEMUR, LEFT	KIDNEY, RIGHT
LIVER	LUNG	LYMPH NODE, MESENTERIC	LYMPH NODE, POPLITEAL
OVARY, LEFT	SPLEEN		

OBSERVATIONS

ADRENAL GLAND, RIGHT	HYPERPLASIA	SUBCAPSULAR, MINIMAL
LYMPH NODE, POPLITEAL		
Tissue Comment: One of a pair available fore evaluation.		
THYMUS	CYST	
	ECTOPIC TISSUE	

Animal Note: DJC

ANIMAL ID: 110	**TRT#:** TA6	**DOSE:** 400 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD28
	SELECTION: Immunopath Cohort		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 24556

TISSUE STATUS

No Visible Lesions

BALT	BONE MARROW	BONE, FEMUR, LEFT	KIDNEY, RIGHT
LIVER	LUNG	LYMPH NODE, MESENTERIC	LYMPH NODE, POPLITEAL
OVARY, LEFT	SPLEEN		

OBSERVATIONS

ADRENAL GLAND, RIGHT	HYPERPLASIA	SUBCAPSULAR, MILD
THYMUS	CYST	
Observation Comment: Present per PWG consensus		

Animal Note: DJC

ANIMAL ID: 111	**TRT#:** TA6	**DOSE:** 400 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD28
	SELECTION: Immunopath Cohort		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 24611

TISSUE STATUS

No Visible Lesions

BALT	BONE MARROW	BONE, FEMUR, LEFT	LIVER
LYMPH NODE, MESENTERIC	OVARY, LEFT		

OBSERVATIONS

ADRENAL GLAND, RIGHT		HYPERPLASIA	SUBCAPSULAR, MINIMAL
KIDNEY, RIGHT		NEPHROPATHY	MINIMAL
LUNG		INFILTRATE, CELLULAR	HISTIOCYTE, MILD
		INFLAMMATION	CHRONIC-ACTIVE, MILD
[INFLAMMATION TGLS = TGL2-1]			
LYMPH NODE, POPLITEAL	MEDULLARY SINUSES	INCREASED NUMBER	NEUTROPHIL, MINIMAL
SPLEEN		NO CORRESPONDING LESION	
[NO CORRESPONDING LESION TGLS = TGL3-NCL]			
THYMUS		CYST	
		NO CORRESPONDING LESION	
[NO CORRESPONDING LESION TGLS = TGL1-NCL]			

Animal Note: DBK

ANIMAL ID: 112	**TRT#:** TA6	**DOSE:** 400 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD28
	SELECTION: Immunopath Cohort		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 24600

TISSUE STATUS

No Visible Lesions

BALT	BONE MARROW	BONE, FEMUR, LEFT	KIDNEY, RIGHT
LIVER	LUNG	LYMPH NODE, MESENTERIC	LYMPH NODE, POPLITEAL
OVARY, LEFT			

OBSERVATIONS

ADRENAL GLAND, RIGHT		ACCESSORY ADRENOCORTICAL NODULE	
		HYPERPLASIA	SUBCAPSULAR, MINIMAL
ESOPHAGUS		INFLAMMATION	CHRONIC, MILD
LYMPH NODE, POPLITEAL			
Tissue Comment: One of a pair available fore evaluation.			
SPLEEN	FOLLICLES, GERMINAL CENTER	INCREASED NUMBER	MINIMAL
		NO CORRESPONDING LESION	
[NO CORRESPONDING LESION TGLS = TGL1-NCL]			
THYMUS		CYST	
		ECTOPIC TISSUE	

Animal Note: DJH

ANIMAL ID: 121	**TRT#:** TA7	**DOSE:** 800 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD1
	SELECTION: Immunopath Cohort		**DISP:** Euthanized, Excessive Toxicity in Group	**HISTO:** 24550

Animal Note: Animal was removed from the study due to excessive toxicity in the SRBC cohort of treatment group (see Protocol Amendment #2). Animal was never treated and was released for staff training.

ANIMAL ID: 122	**TRT#:** TA7	**DOSE:** 800 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD1
	SELECTION: Immunopath Cohort		**DISP:** Euthanized, Excessive Toxicity in Group	**HISTO:** 24651

Animal Note: Animal was removed from the study due to excessive toxicity in the SRBC cohort of treatment group (see Protocol Amendment #2). Animal was never treated and was released for staff training.

ANIMAL ID: 123	**TRT#:** TA7	**DOSE:** 800 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD1
	SELECTION: Immunopath Cohort		**DISP:** Euthanized, Excessive Toxicity in Group	**HISTO:** 24596

Animal Note: Animal was removed from the study due to excessive toxicity in the SRBC cohort of treatment group (see Protocol Amendment #2). Animal was never treated and was released for staff training.

ANIMAL ID: 124	**TRT#:** TA7	**DOSE:** 800 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD1
	SELECTION: Immunopath Cohort		**DISP:** Euthanized, Excessive Toxicity in Group	**HISTO:** 24629

Animal Note: Animal was removed from the study due to excessive toxicity in the SRBC cohort of treatment group (see Protocol Amendment #2). Animal was never treated and was released for staff training.

Study Number: I20045
Test Type: TOX
Route: Oral Gavage
Species/Strain: Mouse/B6C3F1/N

PA14: Individual Animal Pathology Data
Test Compound: Phenanthrene
CAS Number: 85-01-8

Date Report Requested: 07/30/2019
Time Report Requested: 12:26:14
Lab: BRT with ILS

ANIMAL ID: 125	**TRT#:** TA7	**DOSE:** 800 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD0
	SELECTION: Immunopath Cohort		**DISP:** Euthanized, Excessive Toxicity in Group	**HISTO:** 24535

Animal Note: Animal was removed from the study due to excessive toxicity in the SRBC cohort of treatment group (see Protocol Amendment #2). Animal was never treated and was released for staff training.

ANIMAL ID: 126	**TRT#:** TA7	**DOSE:** 800 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD0
	SELECTION: Immunopath Cohort		**DISP:** Euthanized, Excessive Toxicity in Group	**HISTO:** 24641

Animal Note: Animal was removed from the study due to excessive toxicity in the SRBC cohort of treatment group (see Protocol Amendment #2). Animal was never treated and was released for staff training.

ANIMAL ID: 127	**TRT#:** TA7	**DOSE:** 800 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD0
	SELECTION: Immunopath Cohort		**DISP:** Euthanized, Excessive Toxicity in Group	**HISTO:** 24649

Animal Note: Animal was removed from the study due to excessive toxicity in the SRBC cohort of treatment group (see Protocol Amendment #2). Animal was never treated and was released for staff training.

ANIMAL ID: 128	**TRT#:** TA7	**DOSE:** 800 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD0
	SELECTION: Immunopath Cohort		**DISP:** Euthanized, Excessive Toxicity in Group	**HISTO:** 24640

Animal Note: Animal was removed from the study due to excessive toxicity in the SRBC cohort of treatment group (see Protocol Amendment #2). Animal was never treated and was released for staff training.

ANIMAL ID: 9	**TRT#:** VC1	**DOSE:** 0 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD28
	SELECTION: Immunopath Cohort		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 24575

TISSUE STATUS

No Visible Lesions

BALT	BONE MARROW	BONE, FEMUR, LEFT	KIDNEY, RIGHT
LIVER	LUNG	LYMPH NODE, MESENTERIC	LYMPH NODE, POPLITEAL
OVARY, LEFT	SPLEEN		

OBSERVATIONS

ADRENAL GLAND, RIGHT	HYPERPLASIA	SUBCAPSULAR, MILD
THYMUS	CYST	

Animal Note: DJH

ANIMAL ID: 10	**TRT#:** VC1	**DOSE:** 0 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD28
	SELECTION: Immunopath Cohort		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 24526

TISSUE STATUS

No Visible Lesions

BALT	BONE MARROW	BONE, FEMUR, LEFT	KIDNEY, RIGHT
LIVER	LUNG	LYMPH NODE, MESENTERIC	LYMPH NODE, POPLITEAL
OVARY, LEFT	SPLEEN		

OBSERVATIONS

ADRENAL GLAND, RIGHT	HYPERPLASIA	SUBCAPSULAR, MILD
LYMPH NODE, POPLITEAL		
Tissue Comment: Only one of a pair available for evaluation.		
THYMUS	CYST	
Observation Comment: Present per PWG consensus		

Animal Note: DJH

ANIMAL ID: 11	**TRT#:** VC1	**DOSE:** 0 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD28
	SELECTION: Immunopath Cohort		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 24603

TISSUE STATUS

No Visible Lesions

BALT	BONE MARROW	BONE, FEMUR	KIDNEY, RIGHT
LIVER	LYMPH NODE, MESENTERIC	LYMPH NODE, POPLITEAL	OVARY, LEFT
SPLEEN			

OBSERVATIONS

ADRENAL GLAND, RIGHT	HYPERPLASIA	SUBCAPSULAR, MILD
ESOPHAGUS	INFLAMMATION	CHRONIC, MILD
LUNG	CONGESTION	MODERATE
[CONGESTION TGLS = TGL1-1]		
LYMPH NODE, POPLITEAL		
Tissue Comment: Only one of a pair available for evaluation.		
THYMUS	CYST	

Animal Note: DBK

ANIMAL ID: 12	**TRT#:** VC1	**DOSE:** 0 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD28
	SELECTION: Immunopath Cohort		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 24524

TISSUE STATUS

No Visible Lesions

BALT	BONE MARROW	BONE, FEMUR, LEFT	KIDNEY, RIGHT
LIVER	LUNG	LYMPH NODE, MESENTERIC	OVARY, LEFT
SPLEEN	THYMUS		

MISSING

LYMPH NODE, POPLITEAL

OBSERVATIONS

ADRENAL GLAND, RIGHT	HYPERPLASIA	SUBCAPSULAR, MILD

Animal Note: DJH

ANIMAL ID: 13	**TRT#:** VC1	**DOSE:** 0 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD28
	SELECTION: Immunopath Cohort		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 24578

TISSUE STATUS

No Visible Lesions

BALT	BONE MARROW	BONE, FEMUR, LEFT	KIDNEY, RIGHT
LIVER	LUNG	LYMPH NODE, MESENTERIC	LYMPH NODE, POPLITEAL
OVARY, LEFT	SPLEEN		

OBSERVATIONS

ADRENAL GLAND, RIGHT	HYPERPLASIA	SUBCAPSULAR, MILD
THYMUS	CYST	
Observation Comment: Present per PWG consensus		

Animal Note: DBK

ANIMAL ID: 14	**TRT#:** VC1	**DOSE:** 0 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD28
	SELECTION: Immunopath Cohort		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 24589

TISSUE STATUS

No Visible Lesions

BALT	BONE MARROW	BONE, FEMUR, LEFT	KIDNEY, RIGHT
LIVER	LUNG	LYMPH NODE, MESENTERIC	LYMPH NODE, POPLITEAL
OVARY, LEFT	SPLEEN		

OBSERVATIONS

ADRENAL GLAND, RIGHT	HYPERPLASIA	SUBCAPSULAR, MILD
THYMUS	CYST	

Animal Note: DBK

ANIMAL ID: 15	**TRT#:** VC1	**DOSE:** 0 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD28
	SELECTION: Immunopath Cohort		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 24511

TISSUE STATUS

No Visible Lesions

BALT	BONE MARROW	BONE, FEMUR, LEFT	KIDNEY, RIGHT
LIVER	LUNG	LYMPH NODE, MESENTERIC	LYMPH NODE, POPLITEAL
OVARY, LEFT	SPLEEN		

OBSERVATIONS

ADRENAL GLAND, RIGHT	HYPERPLASIA	SUBCAPSULAR, MILD
LYMPH NODE, POPLITEAL		
Tissue Comment: Only one of a pair available for evaluation.		
THYMUS	CYST	

Animal Note: DJH

ANIMAL ID: 16	**TRT#:** VC1	**DOSE:** 0 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD28
	SELECTION: Immunopath Cohort		**DISP:** Scheduled Removal (Terminal)	**HISTO:** 24644

TISSUE STATUS

No Visible Lesions

BALT	BONE MARROW	BONE, FEMUR, LEFT	KIDNEY, RIGHT
LIVER	LUNG	LYMPH NODE, MESENTERIC	LYMPH NODE, POPLITEAL
OVARY, LEFT	SPLEEN	THYMUS	

OBSERVATIONS

ADRENAL GLAND, RIGHT	HYPERPLASIA	SUBCAPSULAR, MINIMAL

Animal Note: DJC

ANIMAL ID: 19	**TRT#:** TA1	**DOSE:** 12.5 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD8
			DISP: Euthanized Moribund	**HISTO:** 24573

Animal Note: - internal organs appear normal
- some food in stomach, little in intestines
- food/oil in thoracic cavity

ANIMAL ID: 24	**TRT#:** TA1	**DOSE:** 12.5 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD4
			DISP: Euthanized Moribund	**HISTO:** 24567

OBSERVATIONS

HEART — NO CORRESPONDING LESION

Tissue Comment: TGL1-NCL, TGL2-NCL

[NO CORRESPONDING LESION TGLS = TGL1-NCL]

Animal Note: - stomach partially full with food
- intestines nearly empty
- liver, kidney, spleen appear normal
- food and oil present in shoulder/arm pit area of front left limb
- fluid in thoracic cavity consistent with oil
- heart has pale pink areas that are rough

ANIMAL ID: 33	**TRT#:** TA2	**DOSE:** 25 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD7
			DISP: Euthanized Moribund	**HISTO:** 24522

Animal Note: - internal organs appear normal
- food/oil in thoracic cavity
- some food in stomach, little in intestines

Study Number: I20045
Test Type: TOX
Route: Oral Gavage
Species/Strain: Mouse/B6C3F1/N

PA14: Individual Animal Pathology Data
Test Compound: Phenanthrene
CAS Number: 85-01-8

Date Report Requested: 07/30/2019
Time Report Requested: 12:26:14
Lab: BRT with ILS

ANIMAL ID: 37	**TRT#:** TA2	**DOSE:** 25 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD7
			DISP: Euthanized Moribund	**HISTO:** 24627

Animal Note: - internal organs appear normal
- food in stomach/intestines
- blood in thoracic cavity
- nicking trachea did not reveal obvious installation of dosing solution
- no obvious signs of gavage trauma

ANIMAL ID: 39	**TRT#:** TA2	**DOSE:** 25 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD9
			DISP: Euthanized Moribund	**HISTO:** 24584

Animal Note: Animal was euthanized moribund on the evening of 20 May 15, however, the removal from NTP Provantis In-Life was performed on 21 May 15.

- liver, kidney, spleen appear normal
- intestines mostly empty, stomach partially full of food
- food and oil in thoracic cavity
- all other organs appear normal

ANIMAL ID: 65	**TRT#:** TA4	**DOSE:** 100 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD7
			DISP: Euthanized Moribund	**HISTO:** 24601

Animal Note: - internal organs appear normal
- some food in stomach, little in intestines
- food/oil in thoracic cavity

ANIMAL ID: 70	**TRT#:** TA4	**DOSE:** 100 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD16
			DISP: Euthanized Moribund	**HISTO:** 24638

Animal Note: - internal organs appear normal
- food/oil in thoracic cavity
- some food in stomach and intestines

ANIMAL ID: 71	**TRT#:** TA4	**DOSE:** 100 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD12
			DISP: Euthanized Moribund	**HISTO:** 24559

Animal Note: - major organs appear normal
- oil in thoracic cavity
- stomach full of food

ANIMAL ID: 81	**TRT#:** TA5	**DOSE:** 200 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD6
			DISP: Euthanized Moribund	**HISTO:** 24586

Animal Note: - internal organs appear normal
- food in stomach, little contents in intestines
- area found with food/oil consistent with gavage trauma

ANIMAL ID: 86	**TRT#:** TA5	**DOSE:** 200 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD28
			DISP: Scheduled Removal (Terminal)	**HISTO:** 24635

OBSERVATIONS

TISSUE NOS — NO CORRESPONDING LESION

Tissue Comment: THORAX, TGL1-NCL

[NO CORRESPONDING LESION TGLS = TGL1-NCL]

ANIMAL ID: 88	**TRT#:** TA5	**DOSE:** 200 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD7
			DISP: Euthanized Moribund	**HISTO:** 24617

Animal Note: - internal organs appear normal
- some food in stomach, little in intestines
- food/oil in thoracic cavity

ANIMAL ID: 98	**TRT#:** TA6	**DOSE:** 400 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD7
			DISP: Euthanized Moribund	**HISTO:** 24609

Animal Note: - internal organs appear normal
- some food in stomach, little in intestines
- food/oil in thoracic cavity

ANIMAL ID: 113	**TRT#:** TA7	**DOSE:** 800 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD3
			DISP: Euthanized, Excessive Toxicity in Group	**HISTO:** 24561

Animal Note: - lungs consistent with euthanasia
- food in stomach
- all major organs appear normal

ANIMAL ID: 114	**TRT#:** TA7	**DOSE:** 800 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD2
			DISP: Euthanized Moribund	**HISTO:** 24621

OBSERVATIONS

LIVER	CONGESTION	MILD
	NECROSIS	CENTRILOBULAR, MILD
[CONGESTION TGLS = TGL1-2]		

Animal Note: - food in stomach
- liver has mild areas of dark red coloration
- all other major organs appear normal
- lung coloration consistent with euthanasia

ANIMAL ID: 115	**TRT#:** TA7	**DOSE:** 800 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD1
			DISP: Found Dead	**HISTO:** 24653

Animal Note: - All major organs appear normal
- fluid in small intestine
- no signs of gavage trauma
- animal held in the refrigerator approximately 2 hours before necropsy

ANIMAL ID: 116	**TRT#:** TA7	**DOSE:** 800 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD3
			DISP: Euthanized, Excessive Toxicity in Group	**HISTO:** 24557

Animal Note: Euthanized due to excessive toxicity in the group. Refer to protocol amendment 2.
- lung coloration consistent with euthanasia
- food in stomach
- all major organs appear normal

ANIMAL ID: 117	**TRT#:** TA7	**DOSE:** 800 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD2
			DISP: Euthanized Moribund	**HISTO:** 24534

OBSERVATIONS

LIVER	NECROSIS	CENTRILOBULAR, MODERATE
[NECROSIS TGLS = TGL1-2]		

CONTRIBUTORY CAUSE OF DEATH - LIVER NECROSIS CENTRILOBULAR

Animal Note: - color variation in liver - dark red to pale pink
- lung coloration consistent with euthanasia
- lung, heart, spleen appear normal

ANIMAL ID: 118	**TRT#:** TA7	**DOSE:** 800 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD2
			DISP: Found Dead	**HISTO:** 24647

Animal Note: - food in stomach
- liver slightly discolored from early autolysis
- all major organs appear normal

ANIMAL ID: 119	**TRT#:** TA7	**DOSE:** 800 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD3
			DISP: Euthanized, Excessive Toxicity in Group	**HISTO:** 24636

OBSERVATIONS

LIVER	NECROSIS	CENTRILOBULAR, MODERATE
[NECROSIS TGLS = TGL1-2]		

CONTRIBUTORY CAUSE OF DEATH - LIVER NECROSIS CENTRILOBULAR

Animal Note: Euthanized due to excessive toxicity in group. See protocol amendment 2.
- liver has pale areas
- lung coloration consistent with euthanasia
- food in stomach
- no other findings

ANIMAL ID: 120	**TRT#:** TA7	**DOSE:** 800 mg/kg	**SEX:** Female	**REMOVAL DAY:** SD2
			DISP: Euthanized Moribund	**HISTO:** 24643

Animal Note: - food in stomach
- lung coloration consistent with euthanasia
- all major organs appear normal (heart, lungs, spleen)

LEGEND

SD – Study Day

** END OF REPORT **