

Experiment Number: 97010-01
Test Type: 1-YEAR
Species/Strain: Mouse/SKH-1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
CAS Number: HYDROXYGLYCOL

Date Report Requested: 10/19/2014
Time Report Requested: 12:46:14
First Dose M/F: NA / NA
Lab: NCTR

C Number: C97010A
Lock Date: Not Entered.
Cage Range: All
Date Range: All
Reasons For Removal: All
Removal Date Range: All
Treatment Groups: All
Study Gender: Male
PWG Approval Date: NONE

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P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
 CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/19/2014
 Time Report Requested: 12:46:15
 First Dose M/F: NA / NA
 Lab: NCTR

DAY ON TEST	ANIMAL ID																													
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SKH-1/NCTR Mouse Male	3	3	3	2	3	3	3	3	0	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
NO CREAMNO SSL	6	6	6	7	6	6	6	6	7	6	6	6	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
	3	3	4	4	5	5	3	3	8	4	5	5	5	3	0	5	5	5	3	3	4	4	5	5	3	3	9	5	5	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	5	5	5	6	6	6	6	6	6	6	6	6	7	7	7	7	7	6	6	6	6	6	7	7	7	7	7	7	7	
	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	
Axillary, Hyperplasia, Lymphoid																														
Inguinal, Hyperplasia, Lymphoid																														
Inguinal, Infiltration Cellular, Plasma Cell																														
Lumbar, Hyperplasia, Lymphoid																														
Lumbar, Infiltration Cellular, Plasma Cell																														
Lumbar, Infiltration Cellular, Polymorphnuclr																														
Renal, Infiltration Cellular, Plasma Cell																														
Renal, Infiltration Cellular, Polymorphnuclr																														
Lymph Node, Mandibular																														
Hyperplasia, Lymphoid																														
Infiltration Cellular, Plasma Cell																														
Spleen																														
Hematopoietic Cell Proliferation																														
Thymus																														
Integumentary System																														
Skin, Control																														
Acanthosis																														
Dermis, Inflammation, Granulomatous																														
Dermis, Inflammation, Pyogranulomat																														
Epidermis, Inflammation, Chronic Active																														
Tail, Cyst Epithelial Inclusion																														
Skin, Site Of Application																														

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically
 1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

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	DAY ON TEST																													
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SKH-1/NCTR Mouse Male	3	3	3	2	3	3	3	3	0	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
NO CREAMNO SSL	6	6	6	7	6	6	6	6	7	6	6	6	7	6	0	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
ANIMAL ID	3	3	4	4	5	5	3	3	8	4	5	5	5	3	0	5	5	5	3	3	4	4	5	5	3	3	9	5	5	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	5	5	5	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	6	6	6	6	6	6	6	6	6	6	6	
	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	
Dermis, Fibrosis																													2	
Dermis, Inflammation, Granulomatous	1	1	1	1	1	1	1	2	1	2	1	2		1	2	1	1	1	2	1		1	2	2	2	2	1	2	1	2
Musculoskeletal System																														
NONE																														
Nervous System																														
NONE																														
Respiratory System																														
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Alveolus, Inflammation				1	1																									
Infiltration Cellular, Lymphocyte																1														
Special Senses System																														
Eye																														
Lacrimal Gland																														
Infiltration Cellular, Lymphocyte																													3	
Urinary System																														
Urethra	+										+																+			

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		DAY ON TEST					
SKH-1/NCTR Mouse Male		0	0	0	0	0	
		3	3	3	3	3	
		6	6	6	6	6	
		3	4	4	5	5	
		0	0	0	0	0	
NO CREAMNO SSL	ANIMAL ID	3	3	3	3	3	
		1	1	1	1	1	
		7	7	8	8	8	
		8	9	0	1	2	
							*TOTALS

Alimentary System

Liver 2
 Pancreas 1

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

Penis 1
 Preputial Gland + 6
 Duct, Dilatation X 5
 Inflammation 1 4.0
 Inflammation, Suppurative 1 1.0

Hematopoietic System

Bone Marrow + + + + + 36
 Myeloid Cell, Hyperplasia 1 3.0
 Lymph Node 5

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SKH-1/NCTR Mouse Male NO CREAMNO SSL	DAY ON TEST					ANIMAL ID			
	0	0	0	0	0				
	3	3	3	3	3	0			
	6	6	6	6	6	0			
	3	4	4	5	5	0			
	0	0	0	0	0	0			
	3	3	3	3	3	0			
	1	1	1	1	1	0			
	7	7	8	8	8	0			
	8	9	0	1	2				
							*TOTALS		
Axillary, Hyperplasia, Lymphoid							2	2.0	
Inguinal, Hyperplasia, Lymphoid							2	2.0	
Inguinal, Infiltration Cellular, Plasma Cell							1	3.0	
Lumbar, Hyperplasia, Lymphoid							2	2.5	
Lumbar, Infiltration Cellular, Plasma Cell							2	3.0	
Lumbar, Infiltration Cellular, Polymorphnuclr							1	3.0	
Renal, Infiltration Cellular, Plasma Cell							1	3.0	
Renal, Infiltration Cellular, Polymorphnuclr							1	3.0	
Lymph Node, Mandibular						+	5		
Hyperplasia, Lymphoid						2	3	2.0	
Infiltration Cellular, Plasma Cell							3	1.7	
Spleen						+	+	+	+
Hematopoietic Cell Proliferation							1	18	1.7
Thymus							1		
Integumentary System									
Skin, Control						+	+	+	+
Acanthosis							1	2.0	
Dermis, Inflammation, Granulomatous						1	2	1	1
Dermis, Inflammation, Pyogranulomat							1	4.0	
Epidermis, Inflammation, Chronic Active							3	2	3.5
Tail, Cyst Epithelial Inclusion						X		5	
Skin, Site Of Application						+	+	+	+

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SKH-1/NCTR Mouse Male NO CREAMNO SSL	DAY ON TEST					ANIMAL ID			
	0	0	0	0	0				
	3	3	3	3	3				
	6	6	6	6	6				
	3	4	4	5	5				
	0	0	0	0	0				
	3	3	3	3	3				
	1	1	1	1	1				
	7	7	8	8	8				
	8	9	0	1	2				
							*TOTALS		
Dermis, Fibrosis							1	2.0	
Dermis, Inflammation, Granulomatous	1	2	2	1	1		34	1.4	
Musculoskeletal System									
NONE									
Nervous System									
NONE									
Respiratory System									
Lung	+	+	+	+	+		36		
Alveolus, Inflammation							1	3	1.0
Infiltration Cellular, Lymphocyte								1	1.0
Special Senses System									
Eye								1	
Lacrimal Gland								1	
Infiltration Cellular, Lymphocyte								1	3.0
Urinary System									
Urethra								3	

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DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SKH-1/NCTR Mouse Male	0	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	1	3
CTLCREAMNO SSL	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	2	6
ANIMAL ID	3	3	4	4	5	5	3	3	4	4	5	5	3	3	4	4	5	5
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	9	9	9
	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2
	*TOTALS																	

Alimentary System

Gallbladder																			1
Liver																			3
Necrosis, Focal																			3 2.7

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

Preputial Gland																			4
Duct, Dilatation																			4

Hematopoietic System

Bone Marrow																			18
Myeloid Cell, Hyperplasia																			1 2.0
Lymph Node																			4
Axillary, Hyperplasia, Lymphoid																			4 1.8
Inguinal, Hyperplasia, Lymphoid																			1 2.0

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SKH-1/NCTR Mouse Male CTLCREAMNO SSL	DAY ON TEST																	ANIMAL ID																				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					0																
	0	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	1	3																				
	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	2	6																				
	3	3	4	4	5	5	3	3	4	4	5	3	3	4	4	5	5	5																				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																				
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3																				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																				
	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	9	9	9																				
	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2																				
																		*TOTALS																				
Lumbar, Foreign Body																		2		1	2.0																	
Lumbar, Hyperplasia, Lymphoid																			2	1	2.0																	
Lymph Node, Mandibular																				3																		
Hemorrhage																		2		1	2.0																	
Hyperplasia, Lymphoid																			2	1	2.0																	
Infiltration Cellular, Plasma Cell																				2	2.0																	
Lymph Node, Mesenteric																				3																		
Hyperplasia, Lymphoid																			1	2	1																	
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			18																	
Hematopoietic Cell Proliferation																		1	1		1	2		2	1		2		1	2		10	1.4					
Integumentary System																																						
Skin, Control	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			18																	
Dermis, Inflammation, Granulomatous																		1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	16	1.1			
Tail, Cyst Epithelial Inclusion																					X														X		2	
Skin, Site of Application	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+			18																	
Acanthosis																		1											1		2	1.0						
Dermis, Inflammation, Granulomatous																		2	2	2	1	1	1	1	1	2	2	2	2	1	1	1	1	2	17	1.5		
Musculoskeletal System																																						
NONE																																						
Nervous System																																						
NONE																																						

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		DAY ON TEST																		
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		0	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	1	3	
		6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	2	6	
		3	3	4	4	5	5	3	3	4	4	5	5	3	3	4	4	5	5	
SKH-1/NCTR Mouse Male CTLCREAMNO SSL	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	9	9	9	
	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	*TOTALS
Respiratory System																				
	Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18	
	Hemorrhage																		2	1 2.0
Special Senses System																				
	Lacrimal Gland																		+	1
	Infiltration Cellular, Lymphocyte																		2	1 2.0
Urinary System																				
	Urethra					+														1

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DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SKH-1/NCTR Mouse Male	3	3	3	3	3	3	3	1	3	3	0	3	3	3	3	3	3	3
4% AHA NO SSL	6	6	8	8	6	6	6	4	6	6	0	6	6	4	6	6	6	6
	3	3	2	2	5	5	3	7	5	5	7	5	3	0	4	4	5	5
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	1
	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0
	*TOTALS																	

Alimentary System

Liver																			+	+	+	3
Basophilic Focus																					X	1
Fatty Change																					2	1 2.0

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

Preputial Gland																						2
Duct, Dilatation																						2

Hematopoietic System

Bone Marrow																			+	+	+	+	18
Myeloid Cell, Hyperplasia																							3 2.3
Lymph Node																							2
Axillary, Hyperplasia, Lymphoid																							1 2.0
Inguinal, Infiltration Cellular, Polymorphnuclr																							1 3.0

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DAY ON TEST	ANIMAL ID																		*TOTALS			
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
SKH-1/NCTR Mouse Male	3	3	3	3	3	3	3	1	3	3	0	3	3	3	3	3	3					
4% AHA NO SSL	6	6	8	8	6	6	6	4	6	6	0	6	6	4	6	6	6					
	3	3	2	2	5	5	3	7	5	5	3	0	4	4	5	5						
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3					
	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1					
	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	1					
	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0				
Lumbar, Infiltration Cellular, Polymorphnuclr																		3	1	3.0		
Mediastinal, Infiltration Cellular, Polymorphnuclr																		3	1	3.0		
Lymph Node, Mandibular Hyperplasia, Lymphoid				+	+									+			+		4			
Infiltration Cellular, Polymorphnuclr																		4		3	2	3.5
Sinus, Dilatation						2															1	2.0
Lymph Node, Mesenteric Infiltration Cellular, Polymorphnuclr																			3		1	3.0
Spleen Hematopoietic Cell Proliferation		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18				
		1	2	1		1	1	2	1	2		3			3	1	2		3		13	1.8
Integumentary System																						
Skin, Control		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+				18	
Dermis, Inflammation, Granulomatous		1	1	1	1	1	1		1	1	1	1	1			1	1	1			15	1.0
Tail, Cyst Epithelial Inclusion							X		X		X	X			X						5	
Skin, Site Of Application		+	+	+	+	+	+	+	+	+	+	+	+			+	+	+	+		18	
Abscess													X								1	
Acanthosis								1		1											2	1.0
Cyst Epithelial Inclusion				X																	1	
Dermis, Inflammation, Granulomatous		1	1	2	2	1	1	1		2	1	1	1	1		1	1	1	2		16	1.3
Dermis, Inflammation, Pyogranulomat																				2	1	2.0
Epidermis, Necrosis												X									1	

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically
 1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 97010-01
 Test Type: 1-YEAR
 Species/Strain: Mouse/SKH-1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
 CAS Number: HYDROXGLYSAL

Date Report Requested: 10/19/2014
 Time Report Requested: 12:46:16
 First Dose M/F: NA / NA
 Lab: NCTR

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SKH-1/NCTR Mouse Male	3	3	3	3	3	3	3	1	3	3	0	3	3	3	3	3	3	3
4% AHA NO SSL	6	6	8	8	6	6	6	4	6	6	0	6	6	4	6	6	6	6
	3	3	2	2	5	5	3	7	5	5	7	5	3	0	4	4	5	5
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1
	9	9	9	9	9	9	9	0	0	0	0	0	0	0	0	0	0	1
	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0
	*TOTALS																	

Musculoskeletal System

Skeletal Muscle + 1

Nervous System

NONE

Respiratory System

Lung + + + + + + + + + + + + + + + + 18

Alveolus, Inflammation 1 1 1.0

Special Senses System

Eye + 1

Urinary System

NONE

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically M ..Missing tissue 1-4 ..Lesion qualified as:
 X ..Lesion present A ..Autolysis precludes evaluation 1) Minimal 3) Moderate
 I ..Insufficient tissue BLANK ..Not examined microscopically 2) Mild 4) Marked

Experiment Number: 97010-01
 Test Type: 1-YEAR
 Species/Strain: Mouse/SKH-1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
 CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/19/2014
 Time Report Requested: 12:46:16
 First Dose M/F: NA / NA
 Lab: NCTR

SKH-1/NCTR Mouse Male 10% AHA NO SSL	DAY ON TEST																		*TOTALS			
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	3	3	0	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3				
	6	6	1	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6				
	3	3	5	4	5	5	3	3	5	5	5	3	3	4	4	5	5	5				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3				
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2				
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8				
Hyperplasia, Lymphoid	2							2	2			2						4	2.0			
Lymph Node, Mesenteric														+				1				
Hyperplasia, Lymphoid														2				1	2.0			
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18				
Hematopoietic Cell Proliferation	3		1			2				1				1	2		1	1	8	1.5		
Hyperplasia, Lymphoid						2													1	2.0		
Integumentary System																						
Skin, Control	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18				
Dermis, Inflammation, Granulomatous	1	1		1	1	1	1			1	1	1	1	1	1	1	1	1	1	1	16	1.0
Tail, Cyst Epithelial Inclusion										X			X	X			X	X			5	
Skin, Site of Application	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18			
Acanthosis			1																		1	1.0
Cyst Epithelial Inclusion														X	X						2	
Dermis, Inflammation, Granulomatous	1	1		1	1	2	1	1	1	1	1	1	2	1	1	1	1	1	1	1	17	1.1
Dermis, Inflammation, Pyogranulomat										3											1	3.0
Musculoskeletal System																						
NONE																						
Nervous System																						
NONE																						
Respiratory System																						
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18	

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically
 1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 97010-01
 Test Type: 1-YEAR
 Species/Strain: Mouse/SKH-1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
 CAS Number: HYDROXGLYSAL

Date Report Requested: 10/19/2014
 Time Report Requested: 12:46:16
 First Dose M/F: NA / NA
 Lab: NCTR

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SKH-1/NCTR Mouse Male	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3
2% BHA NO SSL	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	3	3	4	4	5	5	3	4	5	5	5	5	3	3	4	4	5	5
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	2	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4
	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6
	*TOTALS																	

Alimentary System

Liver	+	+																	2
Basophilic Focus	X																		1
Tension Lipidosis			2																1 2.0
Pancreas									+										1
Salivary Glands									+										1

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

Preputial Gland	+		+																2
Duct, Dilatation	X			X															2

Hematopoietic System

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18
Lymph Node								+		+		+	+		+				5
Axillary, Hyperplasia, Lymphoid										2		2	2		1				4 1.8

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 97010-01
 Test Type: 1-YEAR
 Species/Strain: Mouse/SKH-1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
 CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/19/2014
 Time Report Requested: 12:46:16
 First Dose M/F: NA / NA
 Lab: NCTR

SKH-1/NCTR Mouse Male 2% BHA NO SSL	DAY ON TEST																		*TOTALS	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	3	3	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3		
	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6		
	3	3	4	4	5	5	3	4	5	5	5	5	3	3	4	4	5	5		
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
	2	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4	4		
	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	4	6		
Inguinal, Hyperplasia, Lymphoid																		1	1	1.0
Lumbar, Hyperplasia, Lymphoid																		2	1	2.0
Lymph Node, Mandibular				+		+					+				+				4	
Hyperplasia, Lymphoid											2				2				2	2.0
Infiltration Cellular, Plasma Cell				2		2													2	2.0
Lymph Node, Mesenteric															+				1	
Hyperplasia, Lymphoid															1				1	1.0
Spleen		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18	
Hematopoietic Cell Proliferation				2	1	1	1				1				1				6	1.2
Thymus									+										1	
Integumentary System																				
Skin, Control		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18	
Dermis, Inflammation, Granulomatous		1	2	1		2	1	1		1	1	1	1	1	1	1	1	1	16	1.1
Dermis, Inflammation, Pyogranulomat											3								1	3.0
Dermis, Tail, Inflammation, Granulomatous												2							1	2.0
Epidermis, Inflammation, Chronic Active											3								1	3.0
Tail, Cyst Epithelial Inclusion			X		X	X	X											X	5	
Skin, Site Of Application		+	+	+		+	+	+	+	+	+	+	+	+	+	+	+	+	18	
Acanthosis								2											1	2.0
Dermis, Inflammation, Granulomatous		1	2	2		2	2	1		1	1	2	2	1	2	1	1	2	16	1.5
Sebaceous Gl, Hyperplasia											2								1	2.0
Musculoskeletal System																				

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 97010-01
 Test Type: 1-YEAR
 Species/Strain: Mouse/SKH-1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
 CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/19/2014
 Time Report Requested: 12:46:16
 First Dose M/F: NA / NA
 Lab: NCTR

		DAY ON TEST																		
SKH-1/NCTR Mouse Male		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		3	3	3	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	
	2% BHA NO SSL	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
		3	3	4	4	5	5	3	4	5	5	5	3	3	4	4	5	5		
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
		2	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4	4		
		9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	*TOTALS	

NONE																				
Nervous System																				
NONE																				
Respiratory System																				
Lung		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18	
Alveolar Epith, Hyperplasia																		1	1	1.0
Infiltration Cellular, Lymphocyte														1				1	2	1.0
Special Senses System																				
Eye		+																+	2	
Cornea, Inflammation		2																	1	2.0
Urinary System																				
Urethra															+		+		3	

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically
 1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 97010-01
 Test Type: 1-YEAR
 Species/Strain: Mouse/SKH-1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
 CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/19/2014
 Time Report Requested: 12:46:16
 First Dose M/F: NA / NA
 Lab: NCTR

		DAY ON TEST																			
SKH-1/NCTR Mouse Male		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	1	
	4% BHA NO SSL	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
		3	3	4	4	5	5	3	3	5	5	5	5	3	3	4	4	5	2		
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
		4	4	4	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6		
		7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	*TOTALS	

Alimentary System

NONE

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

Preputial Gland + 2
 Duct, Dilatation X 2

Hematopoietic System

Bone Marrow + + + + + + + + + + + + + + + M 17
 Lymph Node + 3
 Axillary, Hyperplasia, Lymphoid 2 2 2.0
 Inguinal, Hyperplasia, Lymphoid 2 2 2.0
 Lumbar, Hyperplasia, Lymphoid 2 1 2.0
 Lymph Node, Mandibular + + + 3
 Hyperplasia, Lymphoid 2 2 2.0

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically M ..Missing tissue 1-4 ..Lesion qualified as:
 X ..Lesion present A ..Autolysis precludes evaluation 1) Minimal 3) Moderate
 I ..Insufficient tissue BLANK ..Not examined microscopically 2) Mild 4) Marked

Experiment Number: 97010-01
 Test Type: 1-YEAR
 Species/Strain: Mouse/SKH-1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
 CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/19/2014
 Time Report Requested: 12:46:17
 First Dose M/F: NA / NA
 Lab: NCTR

SKH-1/NCTR Mouse Male 4% BHA NO SSL	DAY ON TEST																		*TOTALS			
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
ANIMAL ID	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	1				
	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6				
	3	3	4	4	5	5	3	3	5	5	5	3	3	4	4	5	2					
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3					
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					
	4	4	4	5	5	5	5	5	5	5	5	5	5	6	6	6	6					
	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3					
Infiltration Cellular, Polymorphnuclr																		3	1	3.0		
Lymph Node, Mesenteric				+					+										+	4		
Hyperplasia, Lymphoid				2					2										2	4	2.0	
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	17			
Hematopoietic Cell Proliferation	1	2		1				1				3					1		6	1.5		
Integumentary System																						
Skin, Control	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18		
Cyst Epithelial Inclusion																			X	1		
Dermis, Inflammation, Granulomatous	1	1	1	2	1	1	1	1		1	1	2	1	1	1	1	1			16	1.1	
Tail, Cyst Epithelial Inclusion			X	X		X				X	X									5		
Skin, Site Of Application	+	+	+	+	+	+	+	+		+	+	+	+	+	+	+	+	+	+	18		
Acanthosis																				1	1	1.0
Cyst Epithelial Inclusion						X						X								2		
Dermis, Inflammation, Granulomatous	1	2	2	2	1	2	2	1		1	1	2	1	1	1	2	2			16	1.5	
Hyperplasia, Squamous																2				1	2.0	
Musculoskeletal System																						
NONE																						
Nervous System																						
NONE																						
Respiratory System																						
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	17		

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically
 1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 97010-01
 Test Type: 1-YEAR
 Species/Strain: Mouse/SKH-1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
 CAS Number: HYDROXGLYSAL

Date Report Requested: 10/19/2014
 Time Report Requested: 12:46:17
 First Dose M/F: NA / NA
 Lab: NCTR

	DAY ON TEST																		
SKH-1/NCTR Mouse Male 4% BHA NO SSL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	1
	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	3	3	4	4	5	5	3	3	5	5	5	5	3	3	4	4	5	2	
	ANIMAL ID																		
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	4	4	4	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6
	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	4
																			*TOTALS
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	17
Alveolar Epith, Hyperplasia																			1 1.0
Alveolus, Inflammation																			1 1.0
Special Senses System																			
NONE																			
Urinary System																			
Urethra				+															1

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 97010-01
 Test Type: 1-YEAR
 Species/Strain: Mouse/SKH-1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
 CAS Number: HYDROXGLYSAL

Date Report Requested: 10/19/2014
 Time Report Requested: 12:46:17
 First Dose M/F: NA / NA
 Lab: NCTR

		DAY ON TEST					
SKH-1/NCTR Mouse Male	NO CREAM0.3 MED	0	0	0	0	0	
		3	3	3	3	3	
		6	6	6	6	6	
		3	5	5	5	5	
		4	5	6	7	8	*TOTALS
		ANIMAL ID					
		0	0	0	0	0	
		3	3	3	3	3	
		3	3	3	3	3	
		0	0	0	0	0	
		4	5	6	7	8	

Alimentary System

Liver 1

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

Preputial Gland 3
 Duct, Dilatation 2
 Inflammation 1 4.0
 Seminal Vesicle 1
 Distended 1

Hematopoietic System

Bone Marrow + + + + + 36
 Myeloid Cell, Hyperplasia 5 2.4
 Lymph Node + 15
 Axillary, Hyperplasia, Lymphoid 2 9 1.9

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 97010-01
 Test Type: 1-YEAR
 Species/Strain: Mouse/SKH-1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
 CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/19/2014
 Time Report Requested: 12:46:17
 First Dose M/F: NA / NA
 Lab: NCTR

SKH-1/NCTR Mouse Male NO CREAM0.3 MED	DAY ON TEST					ANIMAL ID			
	0	0	0	0	0				
	3	3	3	3	3	0			
	6	6	6	6	6	0			
	3	5	5	5	5	0			
	3	3	3	3	3	0			
	3	3	3	3	3	0			
	0	0	0	0	0	0			
	4	5	6	7	8				
							*TOTALS		
Inguinal, Hyperplasia, Lymphoid						4	2.0		
Lumbar, Hyperplasia, Lymphoid						5	1.8		
Popliteal, Hyperplasia, Lymphoid						1	1.0		
Renal, Hyperplasia, Lymphoid						2	1.5		
Renal, Infiltration Cellular, Plasma Cell						1	3.0		
Thoracic, Hyperplasia, Lymphoid						1	2.0		
Lymph Node, Mandibular								8	
Hyperplasia, Lymphoid								5	2.0
Infiltration Cellular, Plasma Cell								3	2.3
Lymph Node, Mesenteric						4			
Hyperplasia, Lymphoid								3	1.7
Spleen	+	+	+	+	+	36			
Hematopoietic Cell Proliferation	1	2	1	1	1	27	1.5		
Thymus						2			
Integumentary System									
Skin, Control	+	+	+	+	+	36			
Cyst Epithelial Inclusion								2	
Dermis, Inflammation, Granulomatous	1	1	1	1	1	35	1.1		
Tail, Abscess								1	
Tail, Cyst Epithelial Inclusion								5	
Skin, Site of Application	+	+	+	+	+	36			
Abscess								1	

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 97010-01
 Test Type: 1-YEAR
 Species/Strain: Mouse/SKH-1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
 CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/19/2014
 Time Report Requested: 12:46:17
 First Dose M/F: NA / NA
 Lab: NCTR

SKH-1/NCTR Mouse Male NO CREAM0.3 MED	DAY ON TEST					ANIMAL ID			
	0	0	0	0	0				
	3	3	3	3	3				
	6	6	6	6	6				
	3	5	5	5	5				
	0	0	0	0	0				
	3	3	3	3	3				
	3	3	3	3	3				
	0	0	0	0	0				
	4	5	6	7	8				
							*TOTALS		
Acanthosis	1	1	1	1	1		27	1.0	
Cyst Epithelial Inclusion						X	2		
Dermis, Inflammation, Granulomatous	1	2	2	2	1		36	1.5	
Hyperplasia, Squamous	4	1			2		11	2.4	
Musculoskeletal System									
NONE									
Nervous System									
NONE									
Respiratory System									
Lung	+	+	+	+	+		36		
Alveolar Epith, Hyperplasia							1	2.0	
Infiltration Cellular, Lymphocyte							2	1.0	
Special Senses System									
Eye							2		
Cornea, Inflammation							1	2.0	
Urinary System									
Urethra							4		

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 97010-01
 Test Type: 1-YEAR
 Species/Strain: Mouse/SKH-1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
 CAS Number: HYDROXGLYSAL

Date Report Requested: 10/19/2014
 Time Report Requested: 12:46:17
 First Dose M/F: NA / NA
 Lab: NCTR

DAY ON TEST		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SKH-1/NCTR Mouse Male		3	3	3	3	3	2	3	3	3	3	3	1	3	3	3	3	2
		6	6	6	6	4	0	6	6	6	6	6	7	6	6	6	6	3
	CTLCREAM0.3 MED	3	3	4	4	0	7	3	3	5	5	5	5	3	3	4	4	9
ANIMAL ID		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
		0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
		1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7
*TOTALS																		

Alimentary System

Liver																			+	+	+	3		
Angiectasis																						3	1	3.0
Pancreas																					+	1		

Cardiovascular System

Heart																					+	1		
Infarct																						3	1	3.0

Endocrine System

NONE

General Body System

NONE

Genital System

Preputial Gland																					+	+	+	3	
Duct, Dilatation																					X	X	X	3	
Seminal Vesicle																							+	1	
Autolysis																							4	1	4.0

Hematopoietic System

Bone Marrow																			+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18		
Myeloid Cell, Hyperplasia																			2															2	2	2.0

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically
 1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 97010-01
 Test Type: 1-YEAR
 Species/Strain: Mouse/SKH-1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
 CAS Number: HYDROXGLYSAL

Date Report Requested: 10/19/2014
 Time Report Requested: 12:46:18
 First Dose M/F: NA / NA
 Lab: NCTR

SKH-1/NCTR Mouse Male CTLCREAM0.3 MED	DAY ON TEST																		*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	3	3	3	3	3	2	3	3	3	3	3	1	3	3	3	3	2		
	6	6	6	6	4	0	6	6	6	6	7	6	6	6	6	6	3		
	3	3	4	4	0	7	3	3	5	5	5	3	3	4	4	5	9		
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1		
	1	2	3	4	5	6	7	8	9	0	1	1	3	4	5	6	8		
Lymph Node	+	+	+		+				+	+		+	+		+	+	10		
Axillary, Hyperplasia, Lymphoid				2					2	2			3		2		5 2.2		
Axillary, Infiltration Cellular, Plasma Cell									2								1 2.0		
Inguinal, Hyperplasia, Lymphoid									2						2		2 2.0		
Inguinal, Infiltration Cellular, Plasma Cell									2								1 2.0		
Lumbar, Hyperplasia, Lymphoid	3					2									2		3 2.3		
Lumbar, Inflammation							3										1 3.0		
Mediastinal, Hyperplasia, Lymphoid			2														1 2.0		
Popliteal, Hyperplasia, Lymphoid													2				1 2.0		
Popliteal, Infiltration Cellular, Plasma Cell													3				1 3.0		
Renal, Hyperplasia, Lymphoid																	2 1 2.0		
Lymph Node, Mandibular	+							+						+			3		
Hyperplasia, Lymphoid								2						2			2 2.0		
Infiltration Cellular, Plasma Cell	3																1 3.0		
Lymph Node, Mesenteric			M								+				+		2		
Hyperplasia, Lymphoid											2				2		2 2.0		
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18		
Hematopoietic Cell Proliferation	4		1		3	1		1	3	2		2	2	1	1		13 1.8		
Thymus							+										1		
Integumentary System																			
Skin, Control	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18		
Cyst Epithelial Inclusion														X			1		

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically
 1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 97010-01
 Test Type: 1-YEAR
 Species/Strain: Mouse/SKH-1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
 CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/19/2014
 Time Report Requested: 12:46:18
 First Dose M/F: NA / NA
 Lab: NCTR

SKH-1/NCTR Mouse Male CTLCREAM0.3 MED	DAY ON TEST																		*TOTALS	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
ANIMAL ID	3	3	3	3	3	2	3	3	3	3	3	1	3	3	3	3	3	2		
	6	6	6	6	4	0	6	6	6	6	6	7	6	6	6	6	6	3		
	3	3	4	4	0	7	3	3	5	5	5	3	3	4	4	5	9			
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1		
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8		
Dermis, Inflammation, Granulomatous	1	1	1	1			1	1	1	1	1		1	2	1	1	1	14	1.1	
Edema																	2	1	2.0	
Tail, Abscess													X					1		
Tail, Cyst Epithelial Inclusion																X		1		
Skin, Site of Application	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18		
Abscess										X								1		
Acanthosis			1		1	2	1	1	1	1	1	1	1	1			1	13	1.1	
Cyst Epithelial Inclusion			X										X					2		
Dermis, Inflammation, Granulomatous	2	1	2	1	2	1	1	1	2	2	1		2	2	1	1	1	2	17	1.5
Edema																	3	1	3.0	
Hyperplasia, Squamous			3	3	3		4	2	4		3		4	2	3			10	3.1	
Subcut Tiss, Inflammation, Pyogranulomat					3													1	3.0	
Musculoskeletal System																				
NONE																				
Nervous System																				
NONE																				
Respiratory System																				
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18	
Alveolar Epith, Hyperplasia				1														1	1.0	
Alveolus, Inflammation																	1	1	1.0	
Hemorrhage										2								1	2.0	

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically
 1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 97010-01
 Test Type: 1-YEAR
 Species/Strain: Mouse/SKH-1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
 CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/19/2014
 Time Report Requested: 12:46:18
 First Dose M/F: NA / NA
 Lab: NCTR

		DAY ON TEST																				
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
SKH-1/NCTR Mouse Male		3	3	3	3	3	2	3	3	3	3	3	1	3	3	3	3	3	3	2		
		6	6	6	6	4	0	6	6	6	6	6	7	6	6	6	6	6	6	3		
	CTLCREAM0.3 MED	3	3	4	4	0	7	3	3	5	5	5	5	3	3	4	4	5	9			
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1		
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8			*TOTALS	
										1											2	1.0
Infiltration Cellular, Lymphocyte																						
Special Senses System																						
Eye																						
Harderian Gland																						
Urinary System																						
Urethra																						
Urinary Bladder																						
Autolysis																						

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue

M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 97010-01
 Test Type: 1-YEAR
 Species/Strain: Mouse/SKH-1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
 CAS Number: HYDROXGLYSAL

Date Report Requested: 10/19/2014
 Time Report Requested: 12:46:18
 First Dose M/F: NA / NA
 Lab: NCTR

DAY ON TEST	ANIMAL ID																		*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SKH-1/NCTR Mouse Male	3	3	3	3	3	3	3	3	3	3	3	3	0	3	3	3	3	3	
4% AHA 0.3 MED	6	6	6	6	3	6	0	6	6	6	6	6	1	1	6	6	6	6	
	3	3	4	4	2	5	2	3	4	4	5	5	9	8	5	5	5	5	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	
	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	

Alimentary System

Liver			+	+															3
Infarct				X															1
Inflammation, Diffuse			3																1 3.0

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

Penis									+											2
Preputial Gland									+											1
Inflammation, Suppurative									3											1 3.0
Seminal Vesicle									+											1
Decreased Secretory Fluid									2											1 2.0

Hematopoietic System

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18
Myeloid Cell, Hyperplasia																				3 2 2.5

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically
 1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 97010-01
 Test Type: 1-YEAR
 Species/Strain: Mouse/SKH-1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
 CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/19/2014
 Time Report Requested: 12:46:18
 First Dose M/F: NA / NA
 Lab: NCTR

SKH-1/NCTR Mouse Male 4% AHA 0.3 MED	DAY ON TEST																		*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	3	3	3	3	3	3	3	3	3	3	3	3	0	3	3	3	3	3	
	6	6	6	6	3	6	0	6	6	6	6	6	1	1	6	6	6	6	
	3	3	4	4	2	5	2	3	4	4	5	5	9	8	5	5	5	5	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	
	9	0	1	2	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6
Lymph Node	+		+	+	+	+				+	+	+	+		+	+		+	12
Axillary, Hyperplasia, Lymphoid			2			2	2			2	2				2	2		2	8 2.0
Axillary, Infiltration Cellular, Plasma Cell							2											1	2.0
Inguinal, Hyperplasia, Lymphoid			2			2												2	3 2.0
Inguinal, Infiltration Cellular, Plasma Cell							3											1	3.0
Lumbar, Hyperplasia, Lymphoid				2														1	2.0
Lumbar, Infiltration Cellular, Plasma Cell															3			1	3.0
Mediastinal, Infiltration Cellular, Plasma Cell																		4	1 4.0
Pancreatic, Hyperplasia, Lymphoid											2							1	2.0
Popliteal, Hyperplasia, Lymphoid																		2	1 2.0
Renal, Hyperplasia, Lymphoid															2			1	2.0
Thoracic, Hyperplasia, Lymphoid	2																	1	2.0
Lymph Node, Mandibular					+				+	+					+	+		+	6
Hyperplasia, Lymphoid						2			2	2					2	2		2	6 2.0
Infiltration Cellular, Plasma Cell						3			2									2	2 2.5
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18
Hematopoietic Cell Proliferation	2	2	2	1	3	2			1	2	2			2	3	1	1	2	14 1.9
Thymus													+						1
Integumentary System																			
Skin, Control	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18
Dermis, Inflammation, Granulomatous	2	1	1	2	1	1	1	1	1	1	1	1		1	1	1	1	1	17 1.1
Tail, Cyst Epithelial Inclusion											X	X					X		3

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 97010-01
 Test Type: 1-YEAR
 Species/Strain: Mouse/SKH-1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
 CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/19/2014
 Time Report Requested: 12:46:18
 First Dose M/F: NA / NA
 Lab: NCTR

SKH-1/NCTR Mouse Male 4% AHA 0.3 MED	DAY ON TEST																		*TOTALS	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
ANIMAL ID	3	3	3	3	3	3	3	3	3	3	3	3	0	3	3	3	3	3		
	6	6	6	6	3	6	0	6	6	6	6	6	1	1	6	6	6	6		
	3	3	4	4	2	5	2	3	4	4	5	5	9	8	5	5	5	5		
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
	1	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3		
	9	0	1	2	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	
Skin, Site Of Application	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18	
Acanthosis			2	1	1	1	1	1	1	1	1	1		1	1	1	1	1	15	1.1
Cyst Epithelial Inclusion												X		X		X			3	
Dermis, Inflammation, Granulomatous	2	2	1	2	2	1	1	1	2	1	1	2		2	2	1	2	1	17	1.5
Epidermis, Inflammation, Chronic Active	2																		1	2.0
Hyperplasia, Squamous	2		2	2	4	3	2	3	3	3	3	2		2	4	2			14	2.6
Musculoskeletal System																				
NONE																				
Nervous System																				
NONE																				
Respiratory System																				
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18	
Alveolar Epith, Hyperplasia				2													1		2	1.5
Alveolus, Inflammation																	2		1	2.0
Special Senses System																				
Eye													+							1
Urinary System																				
Kidney																	+			1
Inflammation, Suppurative																	4		1	4.0
Urethra											+									1

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically
 1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 97010-01
 Test Type: 1-YEAR
 Species/Strain: Mouse/SKH-1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
 CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/19/2014
 Time Report Requested: 12:46:18
 First Dose M/F: NA / NA
 Lab: NCTR

		DAY ON TEST																			
SKH-1/NCTR Mouse Male 4% AHA 0.3 MED		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		3	3	3	3	3	3	3	3	3	3	3	3	0	3	3	3	3	3		
		6	6	6	6	3	6	0	6	6	6	6	6	1	1	6	6	6	6		
		3	3	4	4	2	5	2	3	4	4	5	5	9	8	5	5	5	5		
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
		1	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3		
		9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	*TOTALS	
Urinary Bladder																				+	1
Inflammation																				2	1 2.0

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 97010-01
 Test Type: 1-YEAR
 Species/Strain: Mouse/SKH-1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
 CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/19/2014
 Time Report Requested: 12:46:19
 First Dose M/F: NA / NA
 Lab: NCTR

SKH-1/NCTR Mouse Male 10% AHA 0.3 MED	DAY ON TEST																		*TOTALS		
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
ANIMAL ID	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	2	2				
	6	6	3	0	4	6	6	6	1	2	6	6	6	6	6	9	8				
	3	3	5	7	6	5	3	3	8	0	5	5	3	3	4	4	7				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3				
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2				
	3	3	3	4	4	4	4	4	4	4	4	4	5	5	5	5	5				
	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3				
Lymph Node			+				+		+		+	+	+	+		+	+	+	10		
Axillary, Hematopoietic Cell Proliferation											3								1 3.0		
Axillary, Hyperplasia, Lymphoid							2		4		2	3	3	2		2	2		8 2.5		
Inguinal, Hyperplasia, Lymphoid							2		3		2	3	2	2		2		2	8 2.3		
Lumbar, Abscess			X																1		
Lumbar, Hematopoietic Cell Proliferation											4								1 4.0		
Lumbar, Hyperplasia, Lymphoid											3		2	2					3 2.3		
Mediastinal, Hematopoietic Cell Proliferation											4								1 4.0		
Mediastinal, Hyperplasia, Lymphoid											3			3					2 3.0		
Pancreatic, Hyperplasia, Lymphoid															2				1 2.0		
Thoracic, Abscess			X																1		
Lymph Node, Mandibular							+	+			+						+		5		
Hyperplasia, Lymphoid							2	2						2			2		4 2.0		
Infiltration Cellular, Plasma Cell											3								1 3.0		
Lymph Node, Mesenteric											+		+	+					3		
Hematopoietic Cell Proliferation											3			2					2 2.5		
Hyperplasia, Lymphoid														2	2				2 2.0		
Spleen		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18		
Hematopoietic Cell Proliferation				3	3	2					3	3	2	2	2	3	1	2	2	2	13 2.3
Integumentary System																					
Skin, Control		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18	
Dermis, Inflammation, Granulomatous		1	1	1		2	1	1	1	1	2		1	1	1	1	1	1	1	16 1.1	

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 97010-01
 Test Type: 1-YEAR
 Species/Strain: Mouse/SKH-1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
 CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/19/2014
 Time Report Requested: 12:46:19
 First Dose M/F: NA / NA
 Lab: NCTR

SKH-1/NCTR Mouse Male 2% BHA 0.3 MED	DAY ON TEST																	*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	3	3	3	2	3	3	3	3	3	1	3	0	2	3	3	3	3	
	6	6	6	0	6	6	6	6	1	5	6	2	7	6	6	6	6	
	3	3	0	4	5	5	3	3	8	6	5	6	6	6	3	4	4	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	5	5	5	5	5	6	6	6	6	6	6	6	6	6	7	7	7	
	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	
Inguinal, Hyperplasia, Lymphoid				2														
Lymph Node, Mandibular		+	+						+				+			+		
Hyperplasia, Lymphoid									2							2		
Infiltration Cellular, Plasma Cell		3	3															
Lymph Node, Mesenteric													+					
Spleen		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Hematopoietic Cell Proliferation			1	3	2	3	2	2	1	1	2	1	1		1	1	2	
Integumentary System																		
Skin, Control		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cyst Epithelial Inclusion																X		
Dermis, Inflammation, Granulomatous		2	1	1		2	1	2	1	2		1	1	1	2	1	1	
Hyperplasia, Squamous				1														
Tail, Cyst Epithelial Inclusion						X		X									X	
Skin, Site Of Application		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Acanthosis				1	1		1		1	1	1	1		1	1	1	1	
Cyst Epithelial Inclusion															X		X	
Dermis, Inflammation, Granulomatous		2	1	2	1	2	2	2	2	2		1		1	2	2	1	
Dermis, Inflammation, Pyogranulomat										2								
Hyperplasia, Squamous			2	4				2				3			2		1	

Musculoskeletal System

NONE

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically
 1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 97010-01
 Test Type: 1-YEAR
 Species/Strain: Mouse/SKH-1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
 CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/19/2014
 Time Report Requested: 12:46:19
 First Dose M/F: NA / NA
 Lab: NCTR

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SKH-1/NCTR Mouse Male	3	3	3	2	3	3	3	3	3	1	3	0	2	3	3	3	3	3
2% BHA 0.3 MED	6	6	6	0	6	6	6	6	1	5	6	2	7	6	6	6	6	6
	3	3	0	4	5	5	3	3	8	6	6	6	6	3	4	4	5	5
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	5	5	5	5	5	6	6	6	6	6	6	6	6	6	7	7	7	7
	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2
	*TOTALS																	

Nervous System

NONE

Respiratory System

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18
Hemorrhage										2									1 2.0

Special Senses System

NONE

Urinary System

Urethra							+				+								2
---------	--	--	--	--	--	--	---	--	--	--	---	--	--	--	--	--	--	--	---

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically
 1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 97010-01
 Test Type: 1-YEAR
 Species/Strain: Mouse/SKH-1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
 CAS Number: HYDROXGLYSAL

Date Report Requested: 10/19/2014
 Time Report Requested: 12:46:19
 First Dose M/F: NA / NA
 Lab: NCTR

		DAY ON TEST																		
SKH-1/NCTR Mouse Male		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
	4% BHA 0.3 MED	6	6	6	2	6	6	3	6	6	6	3	6	6	6	6	6	6	6	
		3	3	4	3	5	5	6	3	5	5	6	5	3	3	4	4	5	5	
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
		7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	9	
		3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	*TOTALS

Alimentary System

Mesentery + 1
 Fat, Necrosis X 1

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

Preputial Gland + + 2
 Duct, Dilatation X 1
 Inflammation 3 1 3.0

Hematopoietic System

Bone Marrow + + + + + + + + + + + + + + + + 18
 Myeloid Cell, Hyperplasia 2 2 2 2.0
 Lymph Node + + + + + 9
 Axillary, Hyperplasia, Lymphoid 2 2 2 2 2 8 2.0
 Inguinal, Hyperplasia, Lymphoid 2 2 2.0

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 97010-01
 Test Type: 1-YEAR
 Species/Strain: Mouse/SKH-1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
 CAS Number: HYDROXGLYSAL

Date Report Requested: 10/19/2014
 Time Report Requested: 12:46:20
 First Dose M/F: NA / NA
 Lab: NCTR

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SKH-1/NCTR Mouse Male	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
4% BHA 0.3 MED	6	6	6	2	6	6	3	6	6	6	6	6	6	6	6	6	6	6
ANIMAL ID	3	3	4	3	5	5	6	3	5	5	6	5	3	3	4	4	5	5
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	7	7	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	9
	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0
	*TOTALS																	

NONE

Respiratory System

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18
Alveolus, Inflammation				3						1									2 2.0
Bronchiole, Inflammation				4															1 4.0

Special Senses System

NONE

Urinary System

Kidney												+							1
Cyst												X							1
Urethra								+				+			+	+			4
Bulboureth GI, Hemorrhage												3							1 3.0

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue

M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 97010-01
 Test Type: 1-YEAR
 Species/Strain: Mouse/SKH-1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
 CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/19/2014
 Time Report Requested: 12:46:20
 First Dose M/F: NA / NA
 Lab: NCTR

DAY ON TEST		0	0	0	0	0
SKH-1/NCTR Mouse Male NO CREAM0.6 MED		2	3	2	3	3
		8	3	8	6	1
		9	2	9	5	8
	ANIMAL ID	0	0	0	0	0
	3	3	3	3	3	
	4	4	4	4	4	
	3	3	3	3	3	
	0	1	2	3	4	
						*TOTALS

Alimentary System

Liver 2
 Basophilic Focus 1
 Infarct 1
 Mesentery 1

Cardiovascular System

Heart 1
 Septum Inter, Ventricl Rgt, Abscess 1

Endocrine System

NONE

General Body System

Tissue NOS 1

Genital System

Preputial Gland 3
 Duct, Dilatation 3
 Inflammation 1 2.0
 Seminal Vesicle 5
 Decreased Secretory Fluid 1 3.0
 Distended 2

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 97010-01
 Test Type: 1-YEAR
 Species/Strain: Mouse/SKH-1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
 CAS Number: HYDROXGLYSAL

Date Report Requested: 10/19/2014
 Time Report Requested: 12:46:21
 First Dose M/F: NA / NA
 Lab: NCTR

		DAY ON TEST					
SKH-1/NCTR Mouse Male		0	0	0	0	0	
		2	3	2	3	3	
		8	3	8	6	1	
		9	2	9	5	8	
	NO CREAM0.6 MED						
		ANIMAL ID					
		0	0	0	0	0	
		3	3	3	3	3	
		4	4	4	4	4	
		3	3	3	3	3	
		0	1	2	3	4	*TOTALS

Hematopoietic System

Bone Marrow	+	+	+	+	+	36	
Myeloid Cell, Hyperplasia	2		3		2	22	2.2
Lymph Node	+	+	+		+	28	
Axillary, Hyperplasia, Lymphoid	2	2	3		2	21	2.3
Axillary, Infiltration Cellular, Plasma Cell					2	7	2.6
Bronchial, Hyperplasia, Lymphoid						1	3.0
Hyperplasia, Lymphoid						1	2.0
Inguinal, Hyperplasia, Lymphoid	2	2	3		3	15	2.5
Inguinal, Infiltration Cellular, Plasma Cell						7	2.7
Lumbar, Hyperplasia, Lymphoid						7	2.0
Lumbar, Infiltration Cellular, Plasma Cell						3	3.0
Renal, Hyperplasia, Lymphoid						4	2.0
Thoracic, Hyperplasia, Lymphoid						2	2.0
Lymph Node, Mandibular					+	11	
Hyperplasia, Lymphoid					2	11	2.0
Infiltration Cellular, Plasma Cell					2	6	2.5
Lymph Node, Mesenteric						1	
Hyperplasia, Lymphoid						1	2.0
Spleen	+	+	+	+	+	36	
Hematopoietic Cell Proliferation	3	3	2	2	3	36	2.6
Thymus						1	

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 97010-01
 Test Type: 1-YEAR
 Species/Strain: Mouse/SKH-1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
 CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/19/2014
 Time Report Requested: 12:46:21
 First Dose M/F: NA / NA
 Lab: NCTR

		DAY ON TEST						
SKH-1/NCTR Mouse Male	NO CREAM0.6 MED	0	0	0	0	0		
		2	3	2	3	3		
		8	3	8	6	1		
		9	2	9	5	8		
		0	0	0	0	0		
		ANIMAL ID						
		3	3	3	3	3		
		4	4	4	4	4		
		3	3	3	3	3		
		0	1	2	3	4	*TOTALS	

Integumentary System

Skin, Control	+	+	+	+	+	36	
Acanthosis						1	1.0
Dermis, Inflammation, Granulomatous	1	1		1	1	33	1.2
Dermis, Tail, Inflammation, Pyogranulomat						2	4.0
Epidermis, Inflammation, Chronic Active						1	3.0
Epidermis, Tail, Inflammation, Chronic Active						2	4.0
Hemorrhage						1	3.0
Hyperplasia, Squamous						1	3.0
Skin, Site of Application	+	+	+	+	+	36	
Abscess						2	
Acanthosis	1	1		1	2	30	1.2
Dermis, Fibrosis						1	3.0
Dermis, Inflammation, Granulomatous	2	1		2	2	34	1.6
Dermis, Inflammation, Pyogranulomat						1	4.0
Epidermis, Inflammation, Chronic Active		3				3	3.3
Hyperplasia, Squamous		4				17	3.2

Musculoskeletal System

Skeletal Muscle						1	
Thrombosis						1	4.0

Nervous System

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 97010-01
 Test Type: 1-YEAR
 Species/Strain: Mouse/SKH-1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
 CAS Number: HYDROXGLYSAL

Date Report Requested: 10/19/2014
 Time Report Requested: 12:46:21
 First Dose M/F: NA / NA
 Lab: NCTR

		DAY ON TEST					
SKH-1/NCTR Mouse Male	NO CREAM0.6 MED	0	0	0	0	0	
		2	3	2	3	3	
		8	3	8	6	1	
		9	2	9	5	8	
	ANIMAL ID	0	0	0	0	0	
		3	3	3	3	3	
		4	4	4	4	4	
		3	3	3	3	3	
		0	1	2	3	4	*TOTALS

NONE						
Respiratory System						
Lung	+	+	+	+	+	36
Alveolus, Inflammation				1		9 1.4
Bronchiole, Inflammation						1 3.0
Infiltration Cellular, Lymphocyte						1 1.0
Special Senses System						
Eye						2
Cataract						1
Urinary System						
Kidney						1
Infiltration Cellular, Lymphocyte						1 1.0
Urethra						1

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 97010-01
 Test Type: 1-YEAR
 Species/Strain: Mouse/SKH-1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
 CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/19/2014
 Time Report Requested: 12:46:21
 First Dose M/F: NA / NA
 Lab: NCTR

DAY ON TEST	0																		*TOTALS	
	3	2	3	3	3	3	2	3	2	3	3	3	3	2	2	2	2	3		
ANIMAL ID	0																		*TOTALS	
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
Lumbar, Hyperplasia, Lymphoid	3	2			2	2									3				5	2.4
Lumbar, Infiltration Cellular, Plasma Cell		3																	1	3.0
Renal, Hyperplasia, Lymphoid												2							1	2.0
Lymph Node, Mandibular			+		+					+		+				+	+	+	7	
Hyperplasia, Lymphoid			2		2					2		2				2		2	6	2.0
Infiltration Cellular, Plasma Cell										2							3		2	2.5
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18	
Hematopoietic Cell Proliferation	3	3	3	3	3	3	3	2	2	2	2	3	4	3	3	2	3	2	18	2.7
Integumentary System																				
Skin, Control	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18	
Dermis, Inflammation, Granulomatous	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	18	1.1
Epidermis, Tail, Necrosis													3						1	3.0
Tail, Cyst Epithelial Inclusion																	X		1	
Skin, Site of Application	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18	
Acanthosis	1	1	1	1	1	1	1	1	1		1			1	2	2	2	1	15	1.2
Dermis, Inflammation, Granulomatous	2	1	2	2	1	2	2	1	1	2	1	2	2	1	1	2	2	2	18	1.6
Epidermis, Inflammation, Chronic Active										2									1	2.0
Hyperplasia, Squamous		4	4	4	2	4	4	1	4	4	3	2		2	3	4			14	3.2
Musculoskeletal System																				
NONE																				
Nervous System																				

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically
 1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 97010-01
 Test Type: 1-YEAR
 Species/Strain: Mouse/SKH-1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
 CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/19/2014
 Time Report Requested: 12:46:21
 First Dose M/F: NA / NA
 Lab: NCTR

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SKH-1/NCTR Mouse Male	3	2	3	3	3	3	2	3	2	3	3	3	3	2	2	2	2	3
CTLCREAM0.6 MED	3	9	1	1	1	1	9	0	6	1	1	0	0	8	6	8	8	3
	2	6	7	7	7	7	6	4	1	4	4	4	7	9	8	9	2	2
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4	4	4	4
	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4
	*TOTALS																	

NONE

Respiratory System

Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18	
Alveolus, Inflammation	1		1							2									3	1.3
Hemorrhage			2																1	2.0
Infiltration Cellular, Lymphocyte	2	2						2				1		2	1				6	1.7

Special Senses System

NONE

Urinary System

Kidney																			1	
Infiltration Cellular, Lymphocyte									2										1	2.0

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
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Experiment Number: 97010-01
 Test Type: 1-YEAR
 Species/Strain: Mouse/SKH-1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
 CAS Number: HYDROXGLYSAL

Date Report Requested: 10/19/2014
 Time Report Requested: 12:46:21
 First Dose M/F: NA / NA
 Lab: NCTR

SKH-1/NCTR Mouse Male 4% AHA 0.6 MED	DAY ON TEST																		*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	3	3	1	2	3	2	3	0	3	2	2	2	3	2	2	2	3	1	
	3	2	5	6	1	8	1	8	1	8	1	2	0	8	2	6	1	6	
	2	5	3	8	7	2	0	1	0	9	1	7	2	9	0	8	1	3	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	6	6	6	
5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	2	
Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	
Myeloid Cell, Hyperplasia			3	2	2	2	2		2	3	2			3	2		3		
Lymph Node	+	+		+	+	+	+	+	+			+		+		+	+		
Axillary, Hyperplasia, Lymphoid			2	2	2	2	3		2	2				3		2	2		
Axillary, Infiltration Cellular, Plasma Cell				2		3				3				3		2	2		
Inguinal, Hyperplasia, Lymphoid				2	2		2	2		2		2		2			2		
Inguinal, Infiltration Cellular, Plasma Cell				2						3				3			2		
Renal, Hyperplasia, Lymphoid				2														1	
Lymph Node, Mandibular	+				+	+			+	+		+			+	+			
Hyperplasia, Lymphoid					2	2			2	2					3	2			
Infiltration Cellular, Plasma Cell						3				3		2				2			
Lymph Node, Mesenteric								+										1	
Hyperplasia, Lymphoid						2				2								1	
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	
Hematopoietic Cell Proliferation			3	2	2	3	2	3	2	3	3	3	2		2	3	3	3	
Integumentary System																			
Skin, Control	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Cyst Epithelial Inclusion																		1	
Dermis, Inflammation, Granulomatous	1	1		1	1	1	1		1	1	1	1		1		1	1	1	
Epidermis, Necrosis								4										1	
Epidermis, Tail, Inflammation, Chronic Active	3																	1	
Hyperplasia, Squamous	4																	1	

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
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 X ..Lesion present
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 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically
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 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 97010-01
 Test Type: 1-YEAR
 Species/Strain: Mouse/SKH-1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
 CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/19/2014
 Time Report Requested: 12:46:21
 First Dose M/F: NA / NA
 Lab: NCTR

SKH-1/NCTR Mouse Male 4% AHA 0.6 MED	DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*TOTALS					
	ANIMAL ID	0	3	3	2	5	3	8	7	2	0	1	0	9	1	7	2	9		0	8	1	3	
Skin, Site of Application	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	
Acanthosis	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	17	1.4
Dermis, Inflammation, Granulomatous	3	2	5	6	1	8	1	8	1	8	1	8	1	2	0	8	2	6	1	6	1	6	15	1.8
Dermis, Inflammation, Pyogranulomat	2	5	3	8	7	2	0	1	0	9	1	0	9	1	7	2	9	0	8	1	3	3	1	4.0
Hyperplasia, Squamous	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	3.5
Musculoskeletal System	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
NONE	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
Nervous System	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
NONE	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
Respiratory System	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	6	6	6	6		
Lung	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	6	6	6	6	17	
Alveolar Epith, Hyperplasia	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	1	2.0
Alveolus, Inflammation	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4	1.0
Hemorrhage	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	6	6	6	6	2	1.5
Leukocytosis	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	1	3.0
Special Senses System	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6		
Eye	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	1	
Urinary System	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6		
Kidney	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	1	
Cyst	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	X	1

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically
 1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 97010-01
 Test Type: 1-YEAR
 Species/Strain: Mouse/SKH-1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
 CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/19/2014
 Time Report Requested: 12:46:22
 First Dose M/F: NA / NA
 Lab: NCTR

		DAY ON TEST																		
SKH-1/NCTR Mouse Male 4% AHA 0.6 MED		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		3	3	1	2	3	2	3	0	3	2	2	2	3	2	2	2	3	1	
		3	2	5	6	1	8	1	8	1	8	1	2	0	8	2	6	1	6	
		2	5	3	8	7	2	0	1	0	9	1	7	2	9	0	8	1	3	
		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	ANIMAL ID	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
		4	4	4	4	4	5	5	5	5	5	5	5	5	5	6	6	6		
		5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1		
																			*TOTALS	
Urethra																			+	1

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue

M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 97010-01
 Test Type: 1-YEAR
 Species/Strain: Mouse/SKH-1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
 CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/19/2014
 Time Report Requested: 12:46:22
 First Dose M/F: NA / NA
 Lab: NCTR

DAY ON TEST	ANIMAL ID																		*TOTALS		
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
SKH-1/NCTR Mouse Male	3	3	2	2	3	1	0	2	2	3	2	2	2	2	2	1	2				
10% AHA 0.6 MED	5	1	6	8	2	6	0	8	6	6	6	7	9	8	9	9	9				
	4	7	8	2	5	9	2	9	1	0	1	5	0	2	0	0	9				
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3				
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3				
	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	8				
	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9				
Inguinal, Infiltration Cellular, Plasma Cell												2	2					2	2.0		
Lumbar, Hyperplasia, Lymphoid		2											2		3			3	2.3		
Lumbar, Infiltration Cellular, Plasma Cell													2					1	2.0		
Renal, Hyperplasia, Lymphoid		2											2					2	2.0		
Renal, Infiltration Cellular, Plasma Cell													2					1	2.0		
Thoracic, Hyperplasia, Lymphoid														2				1	2.0		
Thoracic, Infiltration Cellular, Plasma Cell														2				1	2.0		
Lymph Node, Mandibular		+	+		+							+	+	+				6			
Hyperplasia, Lymphoid		3	2		2							2	2	2				6	2.2		
Infiltration Cellular, Plasma Cell				2		2						2	3	2				5	2.2		
Infiltration Cellular, Polymorphnuclr			3															1	3.0		
Spleen		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18			
Hematopoietic Cell Proliferation		2	3	3	3	2	2	2	2	3	3	3	3	3	3	3	2	3	18	2.7	
Integumentary System																					
Skin, Control		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18			
Dermis, Inflammation, Granulomatous		1	1	2	1	1		1	1	1	1	1	1	1	1	1	1	16	1.1		
Dermis, Inflammation, Pyogranulomat										4								1	4.0		
Epidermis, Inflammation, Chronic Active										4								1	4.0		
Epidermis, Tail, Inflammation, Chronic Active						2					4							2	3.0		
Skin, Site of Application		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18			
Abscess														X			X	2			
Acanthosis			1	2	1	2	1	1	1	2	1	2	2	2		1	1	1	1	16	1.4

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
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 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 97010-01
 Test Type: 1-YEAR
 Species/Strain: Mouse/SKH-1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
 CAS Number: HYDROXGLYSAL

Date Report Requested: 10/19/2014
 Time Report Requested: 12:46:22
 First Dose M/F: NA / NA
 Lab: NCTR

SKH-1/NCTR Mouse Male 10% AHA 0.6 MED	DAY ON TEST																		
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	3	3	2	2	3	1	0	2	2	3	2	2	2	2	2	1	2		
	5	1	6	8	2	6	0	8	6	6	6	7	9	8	9	9	9		
	4	7	8	2	5	9	2	9	1	0	1	5	0	2	0	0	9		
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	8		
3	4	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9		
	*TOTALS																	15	1.5
Dermis, Inflammation, Granulomatous	2	1	1	2	2		1	2	1	2	2	1	2		1	1	2		
Epidermis, Inflammation, Chronic Active																4		1	4.0
Hyperplasia, Squamous	4	2		3	4			4	3	4	3	4	4	4	4	3	4	15	3.6
Musculoskeletal System																			
NONE																			
Nervous System																			
NONE																			
Respiratory System																			
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18	
Alveolus, Inflammation			1														2	2	1.5
Hemorrhage										2								1	2.0
Infiltration Cellular, Lymphocyte															2			1	2.0
Special Senses System																			
Ear							+											1	
Inflammation, Suppurative						4												1	4.0
Eye	+																	1	
Antr Chamber, Inflammation	3																	1	3.0
Cornea, Inflammation	4																	1	4.0
Urinary System																			
Kidney			+														+	2	

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

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BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 97010-01
 Test Type: 1-YEAR
 Species/Strain: Mouse/SKH-1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
 CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/19/2014
 Time Report Requested: 12:46:22
 First Dose M/F: NA / NA
 Lab: NCTR

		DAY ON TEST																				
SKH-1/NCTR Mouse Male		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		3	3	2	2	3	1	0	2	2	3	2	2	2	2	2	2	1	2			
		5	1	6	8	2	6	0	8	6	6	6	7	9	8	9	9	9	8			
	10% AHA 0.6 MED	4	7	8	2	5	9	2	9	1	0	1	5	0	2	0	0	9	2			
	ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3			
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3			
	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	7	8			
	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	*TOTALS			
Infiltration Cellular, Lymphocyte																	1	2	2	1.5		
Urethra																		+	1			

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 97010-01
 Test Type: 1-YEAR
 Species/Strain: Mouse/SKH-1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
 CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/19/2014
 Time Report Requested: 12:46:22
 First Dose M/F: NA / NA
 Lab: NCTR

SKH-1/NCTR Mouse Male 2% BHA 0.6 MED	DAY ON TEST																			
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
ANIMAL ID	2	3	3	2	3	3	3	3	3	3	3	2	3	3	1	3	2			
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3			
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3			
	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9			
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8		
																			*TOTALS	
Axillary, Hyperplasia, Lymphoid	2	3	2	3		3		2	2	2	3	2	2	3	2		2	14	2.4	
Axillary, Infiltration Cellular, Plasma Cell													2	3			2	3	2.3	
Inguinal, Hyperplasia, Lymphoid	2		2					2		2				3	2		2	2	8	2.1
Inguinal, Infiltration Cellular, Plasma Cell	3									2		3		3				4	2.8	
Mediastinal, Hyperplasia, Lymphoid		4					3											2	3.5	
Lymph Node, Mandibular	+			+	+	+		+		+		+	+	+				9		
Hyperplasia, Lymphoid					2	3				2				2	3			5	2.4	
Infiltration Cellular, Plasma Cell	2			2	2				3				2	2	3			7	2.3	
Spleen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18		
Hematopoietic Cell Proliferation	3	3	3	3	3	3	3	3	3	1	2	3	3	3	1	2	3	3	18	2.7
Integumentary System																				
Skin, Control	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18		
Dermis, Fibrosis																		3	1 3.0	
Dermis, Inflammation, Granulomatous	1	1	2	1	1	2		2	1	2	1	2	1	1	1		2	1	16	1.4
Dermis, Inflammation, Pyogranulomat										3								3	1 3.0	
Epidermis, Inflammation, Chronic Active																	2	2	1 2.0	
Hyperplasia, Squamous																	1	3	2 2.0	
Skin, Site of Application	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18		
Abscess																		X	1	
Acanthosis				1	1	1	1	1	1	2	1	2	1	2	2		1	2	14	1.4
Dermis, Inflammation, Granulomatous	1	2	2	1	2	2	1	2	2	2	2	2	1	1	1		2	16	1.6	
Dermis, Inflammation, Pyogranulomat				2						2								2	2.0	

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically
 1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 97010-01
 Test Type: 1-YEAR
 Species/Strain: Mouse/SKH-1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
 CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/19/2014
 Time Report Requested: 12:46:22
 First Dose M/F: NA / NA
 Lab: NCTR

	DAY ON TEST																			
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
SKH-1/NCTR Mouse Male	2	3	3	2	3	3	3	3	3	3	3	3	2	3	3	1	3	2		
2% BHA 0.6 MED	9	3	4	9	1	2	1	3	1	6	3	1	3	3	3	9	6	8		
	6	9	2	6	7	5	8	2	1	5	9	8	3	2	1	4	5	6		
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9		
	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8		
																			*TOTALS	
Epidermis, Inflammation, Chronic Active																			2	3.0
Hyperplasia, Squamous	3	4	4	4	2		1	4		4		4	4	4	2	4	4		14	3.4
Musculoskeletal System																				
Skeletal Muscle																				1
Inflammation, Pyogranulomat																			4	4.0
Nervous System																				
NONE																				
Respiratory System																				
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18	
Alveolus, Inflammation																			1	1.0
Infiltration Cellular, Lymphocyte																			1	1.0
Special Senses System																				
Eye																				1
Cornea, Inflammation																			2	2.0
Urinary System																				
Kidney																				1
Infarct																				1
Urethra																				1

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically
 1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 97010-01
 Test Type: 1-YEAR
 Species/Strain: Mouse/SKH-1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
 CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/19/2014
 Time Report Requested: 12:46:22
 First Dose M/F: NA / NA
 Lab: NCTR

DAY ON TEST		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SKH-1/NCTR Mouse Male 4% BHA 0.6 MED		3	3	3	2	3	3	3	3	2	3	3	3	3	3	2	3	3	3
		4	5	4	6	6	6	5	6	9	1	1	2	0	0	3	4	1	6
		0	8	2	8	0	0	9	0	6	0	8	5	4	3	3	4	1	5
ANIMAL ID		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
		3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
		9	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
		9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6
																			*TOTALS

Alimentary System

Liver	+																			+	2	
Infarct	X																					1
Inflammation, Diffuse	4																				4	2 4.0
Necrosis, Focal																					4	1 4.0
Pancreas																					+	1
Inflammation, Chronic																					3	1 3.0

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

NONE

Genital System

Preputial Gland																							+	2
Duct, Dilatation																							X	2

Hematopoietic System

Bone Marrow	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+					17	
Myeloid Cell, Hyperplasia																									8 2.1

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically
 1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 97010-01
 Test Type: 1-YEAR
 Species/Strain: Mouse/SKH-1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
 CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/19/2014
 Time Report Requested: 12:46:23
 First Dose M/F: NA / NA
 Lab: NCTR

SKH-1/NCTR Mouse Male 4% BHA 0.6 MED	DAY ON TEST																		*TOTALS
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	3	3	3	2	3	3	3	3	2	3	3	3	3	2	3	3	3	13	
	4	5	4	6	6	6	5	6	9	1	1	2	0	0	3	4	1	12	
	0	8	2	8	0	0	9	0	6	0	8	5	4	3	3	4	1	2.1	
Lymph Node	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	
Axillary, Hyperplasia, Lymphoid	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	12	
Axillary, Infiltration Cellular, Plasma Cell	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	2.0	
Deep Cervical, Hyperplasia, Lymphoid	9	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	3.0	
Inguinal, Hyperplasia, Lymphoid	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	9	
Lumbar, Hematopoietic Cell Proliferation																		2.0	
Lumbar, Hyperplasia, Lymphoid																		3.0	
Lumbar, Infiltration Cellular, Plasma Cell																		2.0	
Renal, Hyperplasia, Lymphoid																		2.0	
Lymph Node, Mandibular																		7	
Hyperplasia, Lymphoid																		4	
Infiltration Cellular, Plasma Cell																		2.6	
Lymph Node, Mesenteric																		1	
Hyperplasia, Lymphoid																		2.0	
Spleen																		17	
Hematopoietic Cell Proliferation																		2.8	
Hyperplasia, Lymphoid																		3.0	
Integumentary System																			
Skin, Control																		18	
Abscess																		1	
Acanthosis																		1.0	
Cyst Epithelial Inclusion																		1	

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically
 1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 97010-01
 Test Type: 1-YEAR
 Species/Strain: Mouse/SKH-1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
 CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/19/2014
 Time Report Requested: 12:46:23
 First Dose M/F: NA / NA
 Lab: NCTR

SKH-1/NCTR Mouse Male 4% BHA 0.6 MED	DAY ON TEST																		*TOTALS	
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
ANIMAL ID	3	3	3	2	3	3	3	3	2	3	3	3	3	2	3	3	3			
	4	5	4	6	6	6	5	6	9	1	1	2	0	0	3	4	1	6		
	0	8	2	8	0	0	9	0	6	0	8	5	4	3	3	4	1	5		
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		
	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4		
	9	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1		
	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6		
Dermis, Inflammation, Granulomatous	1	1	1		1	1	1	1	1	2	1	1	1	1	1	1	1	1	17	1.1
Dermis, Inflammation, Pyogranulomat								3		4				4					3	3.7
Epidermis, Inflammation, Chronic Active								3		4									2	3.5
Epidermis, Tail, Inflammation, Chronic Active				3				3											2	3.0
Hyperplasia, Squamous								2											1	2.0
Skin, Site of Application	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	18	
Acanthosis			1	2		1	1		1	1	1	1	1	1	1		1	1	14	1.1
Cyst Epithelial Inclusion								X											1	
Dermis, Inflammation, Granulomatous	1	2	2		1	2	1	2	2	2	2	2	2	2	2	1	1	2	17	1.7
Epidermis, Inflammation, Chronic Active			2														4		2	3.0
Hyperplasia, Squamous	3	3	1	3	2	4	2		4	4	4		4	4	4	4	4	4	16	3.4
Musculoskeletal System																				
NONE																				
Nervous System																				
NONE																				
Respiratory System																				
Lung	+	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	17	
Alveolar Epith, Hyperplasia									1										1	1.0
Alveolus, Inflammation					1					1			2						3	1.3
Special Senses System																				
NONE																				

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically
 1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 97010-01
 Test Type: 1-YEAR
 Species/Strain: Mouse/SKH-1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
 CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/19/2014
 Time Report Requested: 12:46:23
 First Dose M/F: NA / NA
 Lab: NCTR

DAY ON TEST	ANIMAL ID																																						
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0										
SKH-1/NCTR Mouse Male	2	2	2	2	2	2	2	2	2	1	2	0	2	2	2	2	3	2	2	2	2	2	2	2	2	2	2	2	2										
NO CREAM0.9 MED	5	3	5	5	6	3	2	7	6	8	6	0	4	6	8	2	0	8	3	1	9	4	2	6	7	6	3	3	7	3	0								
	2	2	2	2	7	2	1	4	0	3	0	5	5	3	2	9	4	3	2	7	7	6	8	8	3	0	9	9	3	2	4								
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3								
	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4								
	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9								
	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7								
Axillary, Infiltration Cellular, Plasma Cell											2											3																	
Deep Cervical, Hyperplasia, Lymphoid																																							
Deep Cervical, Infiltration Cellular, Plasma Cell																																							
Hyperplasia, Lymphoid																					2																		
Inguinal, Hyperplasia, Lymphoid											2	2	2	2	3	2	2	3	2	2																			
Inguinal, Infiltration Cellular, Plasma Cell											2											3																	
Lumbar, Hyperplasia, Lymphoid							3							2							2							2											
Lumbar, Infiltration Cellular, Plasma Cell											2											3																	
Mediastinal, Hyperplasia, Lymphoid											2											2																	
Mediastinal, Infiltration Cellular, Plasma Cell											2																												
Pancreatic, Hyperplasia, Lymphoid																					3							2											
Renal, Hyperplasia, Lymphoid																					2							2											
Renal, Infiltration Cellular, Plasma Cell																					4																		
Lymph Node, Mandibular									+	+	+									+	+	+									+								
Hyperplasia, Lymphoid											2											2							2										
Infiltration Cellular, Plasma Cell											2											3	3	3									3						
Lymph Node, Mesenteric											+																			+									
Hyperplasia, Lymphoid																													2										
Spleen	+	+	M	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+								
Hematopoietic Cell Proliferation	2	2			3	2	2		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3								
Thymus											+																												

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade
 + ..Tissue examined microscopically
 X ..Lesion present
 I ..Insufficient tissue
 M ..Missing tissue
 A ..Autolysis precludes evaluation
 BLANK ..Not examined microscopically
 1-4 ..Lesion qualified as:
 1) Minimal 3) Moderate
 2) Mild 4) Marked

Experiment Number: 97010-01
 Test Type: 1-YEAR
 Species/Strain: Mouse/SKH-1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
 CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/19/2014
 Time Report Requested: 12:46:24
 First Dose M/F: NA / NA
 Lab: NCTR

		DAY ON TEST						
SKH-1/NCTR Mouse Male		0	0	0	0	0		
		2	2	2	2	2		
		5	3	5	5	3		
		2	9	2	2	9		
		0	0	0	0	0		
NO CREAM0.9 MED		3	3	3	3	3		
		5	5	5	5	5		
		0	0	1	1	1		
		8	9	0	1	2		
							*TOTALS	

Alimentary System

Liver	+		3	
Infarct	X		1	
Inflammation, Chronic			1	1.0

Cardiovascular System

NONE

Endocrine System

NONE

General Body System

Tissue NOS			1	
------------	--	--	---	--

Genital System

Preputial Gland	+		3	
Duct, Dilatation	X		2	
Inflammation			2	2.5

Hematopoietic System

Bone Marrow	+	+	+	+	+	33	
Myeloid Cell, Hyperplasia	3		3	2	2	26	2.3
Lymph Node	+	+	+	+	+	20	
Axillary, Hyperplasia, Lymphoid	2	3			2	13	2.1

* ..Total animals with tissue examined microscopically; Total animals with lesion and mean severity grade

+ ..Tissue examined microscopically

X ..Lesion present

I ..Insufficient tissue

M ..Missing tissue

A ..Autolysis precludes evaluation

BLANK ..Not examined microscopically

1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 97010-01
 Test Type: 1-YEAR
 Species/Strain: Mouse/SKH-1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
 CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/19/2014
 Time Report Requested: 12:46:24
 First Dose M/F: NA / NA
 Lab: NCTR

SKH-1/NCTR Mouse Male NO CREAM0.9 MED	DAY ON TEST					ANIMAL ID					
	0	0	0	0	0						
	2	2	2	2	2	0	0	0	0	0	
	5	3	5	5	3	0	0	0	0	0	
	2	9	2	2	9	0	0	0	0	0	
	3	3	3	3	3	0	0	0	0	0	
	5	5	5	5	5	0	0	1	1	1	
	0	0	1	1	1	0	0	1	1	1	
	8	9	0	1	2	*TOTALS					
Axillary, Infiltration Cellular, Plasma Cell										3	3 2.7
Deep Cervical, Hyperplasia, Lymphoid			2							2	2 2.0
Deep Cervical, Infiltration Cellular, Plasma Cell										3	1 3.0
Hyperplasia, Lymphoid											1 2.0
Inguinal, Hyperplasia, Lymphoid	2	3	2	3	2					15	2.3
Inguinal, Infiltration Cellular, Plasma Cell	2									3	4 2.5
Lumbar, Hyperplasia, Lymphoid		3								2	8 2.3
Lumbar, Infiltration Cellular, Plasma Cell											3 2.7
Mediastinal, Hyperplasia, Lymphoid											2 2.0
Mediastinal, Infiltration Cellular, Plasma Cell											1 2.0
Pancreatic, Hyperplasia, Lymphoid			3								3 2.7
Renal, Hyperplasia, Lymphoid			3						2		5 2.2
Renal, Infiltration Cellular, Plasma Cell											1 4.0
Lymph Node, Mandibular											8
Hyperplasia, Lymphoid											5 2.0
Infiltration Cellular, Plasma Cell											3 2.8
Lymph Node, Mesenteric											2
Hyperplasia, Lymphoid											1 2.0
Spleen											33
Hematopoietic Cell Proliferation											3 3 3 3 2 32 2.7
Thymus											1

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1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

Experiment Number: 97010-01
 Test Type: 1-YEAR
 Species/Strain: Mouse/SKH-1/NCTR

P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL
 Test Compound: alpha/beta Hydroxy acids (glycolic acid, salicylic acid)
 CAS Number: HYDROXYGLYSAL

Date Report Requested: 10/19/2014
 Time Report Requested: 12:46:24
 First Dose M/F: NA / NA
 Lab: NCTR

DAY ON TEST		0	0	0	0	0
SKH-1/NCTR Mouse Male NO CREAM0.9 MED		2	2	2	2	2
		5	3	5	5	3
		2	9	2	2	9
	ANIMAL ID		0	0	0	0
		3	3	3	3	3
		5	5	5	5	5
		0	0	1	1	1
		8	9	0	1	2
						*TOTALS

Integumentary System

Skin, Control	+	+	+	+	+	35	
Acanthosis						1	1.0
Dermis, Inflammation, Granulomatous		1	1	1	1	26	1.0
Dermis, Inflammation, Pyogranulomat						1	2.0
Epidermis, Inflammation, Chronic Active						1	4.0
Hyperplasia, Squamous						1	3.0
Skin, Site Of Application	+	+	+	+	+	35	
Abscess			X			2	
Acanthosis	1	2	1	1	1	28	1.3
Dermis, Inflammation, Granulomatous	1	2	2	2	2	29	1.6
Epidermis, Inflammation, Chronic Active	4			3		4	3.8
Hyperplasia, Squamous	3	4	3	4	3	19	3.6

Musculoskeletal System

Bone						1	
Hyperostosis						1	

Nervous System

NONE

Respiratory System

Lung	+	+	+	+	+	33	
Alveolus, Inflammation					1	6	1.2

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		DAY ON TEST						
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NO CREAM0.9 MED		2	2	2	2	2		
		5	3	5	5	3		
		2	9	2	2	9		
		0	0	0	0	0		
ANIMAL ID		3	3	3	3	3		
		5	5	5	5	5		
		0	0	1	1	1		
		8	9	0	1	2		
							*TOTALS	
Hemorrhage							1	2.0
Infiltration Cellular, Lymphocyte							1	1.0
Leukocytosis		2					1	2.0
Special Senses System								
Eye							3	
Cataract							1	
Cornea, Inflammation							1	2.0
Lacrimal Gland		+					3	
Infiltration Cellular, Lymphocyte		3					3	3.0
Urinary System								
Kidney		+					2	
Infiltration Cellular, Lymphocyte		1					2	1.0
Urethra							1	
END OF MALE DATA								

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