

**Experiment Number:** 55301-07  
**Test Type:** 26-WEEK  
**Route:** DOSED WATER  
**Species/Strain:** Mouse/P53(C57BL/6)

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
**Test Compound:** Transgenic LECM (Pyridine)  
**CAS Number:** 110-86-1

**Date Report Requested:** 10/23/2014  
**Time Report Requested:** 13:15:25  
**First Dose M/F:** NA / NA  
**Lab:** ILS

<b>C Number:</b>	C55301C
<b>Lock Date:</b>	08/21/1997
<b>Cage Range:</b>	All
<b>Date Range:</b>	All
<b>Reasons For Removal:</b>	All
<b>Removal Date Range:</b>	All
<b>Treatment Groups:</b>	All
<b>Study Gender:</b>	Both
<b>PWG Approval Date</b>	NONE

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P53(C57BL/6) Mouse Male 0 PPM	DAY ON TEST										*TOTALS
	0	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	1	1	
	8	8	8	8	8	1	8	8	8	8	
	5	5	5	5	5	9	5	5	5	5	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	6	6	6	7	7	7	7	7	7	7	
	7	8	9	0	0	1	2	3	3	4	
	3	3	4	2	4	9	7	0	3	0	

**Alimentary System**

Liver	+	+	+	+	+		+	+	+	+	9		
Centrilobular, Hypertrophy											1	1	1.0
Centrilobular, Vacuolization Cytoplasmic, Diffuse	2		1	2	2		2	2	2			7	1.9
Infiltration Cellular, Mononuclear CI		1			1		1		1			4	1.0
Infiltration Cellular, Mononuclear CI, Focal				1								1	1.0
Necrosis, Focal									2			1	2.0
Salivary Glands	+	+	+	+	+		+	+	+	+	9		
Submandibul GI, Infiltration Cellular, Lymphocyte			1		1		2	2		1		5	1.4
Stomach, Forestomach	+	+	+	+	+		+	+	+	M	8		
Stomach, Glandular	+	+	+	+	+		+	+	+	+	9		

**Cardiovascular System**

NONE

**Endocrine System**

Adrenal Cortex	+	+	+	+	+		+	+	+	+	9		
Zona Reticul, Degeneration, Fatty	1	1	1	1	1		1	1	1	1		9	1.0
Adrenal Medulla	+	+	+	+	+		+	+	+	+	9		
Pituitary Gland	+	+	+	+	+		+	+	+	+	9		
Thyroid Gland	+	+	+	+	+		+	+	+	+	9		

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

+ ..Tissue examined microscopically

X ..Lesion present

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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
<b>P53(C57BL/6) Mouse Male</b>		1	1	1	1	1	1	1	1	1	1
		8	8	8	8	8	1	8	8	8	8
	<b>0 PPM</b>	5	5	5	5	5	9	5	5	5	5
ANIMAL ID		0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0
		6	6	6	7	7	7	7	7	7	7
		7	8	9	0	0	1	2	3	3	4
		3	3	4	2	4	9	7	0	3	0
<b>*TOTALS</b>											

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

Lymph Node, Mandibular	+	+	+	+	+	+	+	+	+	9
Spleen	+	+	+	+	+	+	+	+	+	9
Thymus	+	+	+	+	+	+	+	+	+	9

**Integumentary System**

Mammary Gland	M	+	+	M	M	M	M	M	M	2
Skin	+	+	+	+	+	+	+	+	+	9

**Musculoskeletal System**

NONE

**Nervous System**

NONE

**Respiratory System**

Lung	+	+	+	+	+	+	+	+	+	9
Infiltration Cellular, Lymphocyte		1			1					2 1.0
Infiltration Cellular, Lymphocyte, Focal			2				1	1		3 1.3

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DAY ON TEST		0	0	0	0	0	0	0	0	0	0
<b>P53(C57BL/6) Mouse Male</b>		1	1	1	1	1	1	1	1	1	1
		8	8	8	8	8	1	8	8	8	8
	<b>0 PPM</b>	5	5	5	5	5	9	5	5	5	5
ANIMAL ID		0	0	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	0	0
		6	6	6	7	7	7	7	7	7	7
		7	8	9	0	0	1	2	3	3	4
		3	3	4	2	4	9	7	0	3	0
<b>*TOTALS</b>											

**Special Senses System**

NONE

**Urinary System**

Kidney	+	+	+	+	+	+	+	+	+	9		
Infiltration Cellular, Lymphocyte	1	1		1					2	4	1.3	
Infiltration Cellular, Lymphocyte, Focal			1					1		2	1.0	
Renal Tubule, Regeneration, Focal		1					1	1		3	1.0	
Renal Tubule, Vacuolization Cytoplasmic								2		1	2.0	

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**Lab:** ILS

DAY ON TEST

**P53(C57BL/6) Mouse Male**  
**250 PPM**

ANIMAL ID

\*TOTALS

---

**Alimentary System**

NONE

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

NONE

**Integumentary System**

NONE

**Musculoskeletal System**

NONE

**Nervous System**

NONE

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**Lab:** ILS

DAY ON TEST

**P53(C57BL/6) Mouse Male**  
**250 PPM**

ANIMAL ID

\*TOTALS

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**Respiratory System**

NONE

**Special Senses System**

NONE

**Urinary System**

NONE

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**Lab:** ILS

DAY ON TEST

**P53(C57BL/6) Mouse Male**  
**500 PPM**

ANIMAL ID

\*TOTALS

**Alimentary System**

NONE

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

NONE

**Integumentary System**

NONE

**Musculoskeletal System**

NONE

**Nervous System**

NONE

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**Lab:** ILS

DAY ON TEST

**P53(C57BL/6) Mouse Male**  
**500 PPM**

ANIMAL ID

\*TOTALS

---

**Respiratory System**

NONE

**Special Senses System**

NONE

**Urinary System**

NONE

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P53(C57BL/6) Mouse Male 1000 PPM	DAY ON TEST										*TOTALS
	0	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	1	1	
	8	8	8	8	8	8	1	8	8	8	
	5	5	5	5	5	5	9	5	5	5	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	6	6	6	6	6	6	7	7	7	7	
	6	7	8	9	9	9	0	1	3	4	
	2	8	4	2	3	7	1	1	6	1	

**Alimentary System**

Liver	+	+	+	+	+	+		+	+	+	9	
Centrilobular, Hypertrophy				1							1	1.0
Centrilobular, Hypertrophy, Diffuse	2	3	2		2	2		2			6	2.2
Centrilobular, Vacuolization Cytoplasmic				1							1	1.0
Centrilobular, Vacuolization Cytoplasmic, Diffuse									2	2	2	2.0
Infiltration Cellular, Mononuclear CI			2	1			2		1	1	5	1.4
Infiltration Cellular, Mononuclear CI, Focal	1			1	2						3	1.3
Salivary Glands	+	+	+	+	+	+		+	+	+	9	
Submandibul GI, Infiltration Cellular, Lymphocyte	1	1		1	2	1		1		1	7	1.1
Submandibul GI, Infiltration Cellular, Lymphocyte, Focal									1		1	1.0
Stomach, Forestomach	+	+	+	+	+	+		+	+	+	9	
Stomach, Glandular	+	+	+	+	+	+		+	+	+	9	

**Cardiovascular System**

NONE

**Endocrine System**

Adrenal Cortex	+	+	+	+	+	+		+	+	+	9	
Capsule, Hyperplasia, Focal									1	1	2	1.0
Zona Reticul, Degeneration, Fatty	1	1	1	1	1	1		1	1	1	9	1.0

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 Lab: ILS

P53(C57BL/6) Mouse Male 1000 PPM	DAY ON TEST										*TOTALS
	0	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	1	1	
	8	8	8	8	8	8	1	8	8	8	
	5	5	5	5	5	5	9	5	5	5	
	0	0	0	0	0	0	0	0	0	0	
	0	0	0	0	0	0	0	0	0	0	
	6	6	6	6	6	6	7	7	7	7	
	6	7	8	9	9	9	0	1	3	4	
	2	8	4	2	3	7	1	1	6	1	
Adrenal Medulla	+	+	+	+	+	+		+	+	+	9
Pituitary Gland	+	+	+	+	+	+		+	+	+	9
Thyroid Gland	+	+	+	+	+	+		+	+	+	9
Infiltration Cellular, Lymphocyte, Focal				1							1 1.0
<b>General Body System</b>											
NONE											
<b>Genital System</b>											
NONE											
<b>Hematopoietic System</b>											
Lymph Node, Mandibular	+	+	+	+	+	+		+	+	+	9
Hemorrhage, Acute					1						1 1.0
Spleen	+	+	+	+	+	+		+	+	+	9
Thymus	+	+	+	+	+	+		+	+	+	9
Hemorrhage, Acute, Focal				1							1 1.0
<b>Integumentary System</b>											
Mammary Gland	M	M	M	+	M	M		M	M	M	1
Skin	+	+	+	+	+	+		+	+	+	9
<b>Musculoskeletal System</b>											
NONE											

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 + ..Tissue examined microscopically  
 X ..Lesion present  
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		DAY ON TEST											
<b>P53(C57BL/6) Mouse Male</b>	<b>1000 PPM</b>	0	0	0	0	0	0	0	0	0	0	0	
		1	1	1	1	1	1	1	1	1	1	1	
		8	8	8	8	8	8	1	8	8	8	8	
		5	5	5	5	5	5	9	5	5	5		
		0	0	0	0	0	0	0	0	0	0		
		0	0	0	0	0	0	0	0	0	0		
		6	6	6	6	6	6	7	7	7	7		
		6	7	8	9	9	9	0	1	3	4		
		2	8	4	2	3	7	1	1	6	1	<b>*TOTALS</b>	

**Nervous System**

NONE

**Respiratory System**

Lung	+	+	+	+	+	+		+	+	+	9	
Hemorrhage, Acute					1						1	1.0
Infiltration Cellular, Lymphocyte	1	1		1	1				1	1	6	1.0

**Special Senses System**

NONE

**Urinary System**

Kidney	+	+	+	+	+	+		+	+	+	9	
Infiltration Cellular, Lymphocyte					1	1		2	1	1	5	1.2
Infiltration Cellular, Lymphocyte, Focal	1	1									2	1.0
Pelvis, Dilatation, Focal								2			1	2.0
Renal Tubule, Mineralization								1			1	1.0
Renal Tubule, Regeneration				1						1	2	1.0
Renal Tubule, Regeneration, Focal			1		1			3			3	1.7
Renal Tubule, Vacuolization Cytoplasmic					1						1	1.0

\*\*\*END OF MALE DATA\*\*\*

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Lab: ILS

P53(C57BL/6) Mouse Female 0 PPM	DAY ON TEST										*TOTALS
	0	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	1	1	
	1	8	8	8	8	8	5	8	8	8	
	9	4	4	4	4	4	5	4	4	4	
ANIMAL ID	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	
	8	8	9	0	2	2	3	3	3	3	
	4	5	9	2	6	7	0	4	5	6	

Alimentary System

Liver	+	+	+	+	+		+	+	+	8	
Centrilobular, Hypertrophy							1			1	1.0
Infiltration Cellular, Mononuclear CI	1	1	1	1	2		1	1	1	8	1.1
Salivary Glands	+	+	+	+	+		+	+	+	8	
Submandibul GI, Infiltration Cellular, Lymphocyte					1			1	1	3	1.0
Submandibul GI, Infiltration Cellular, Lymphocyte, Focal			1		2					2	1.5
Stomach, Forestomach	+	+	+	+	+		+	+	+	8	
Stomach, Glandular	+	+	+	+	+		+	+	+	8	

Cardiovascular System

NONE

Endocrine System

Adrenal Cortex	+	+	+	+	+		+	+	+	8	
Capsule, Hyperplasia	1	2	1	1	2				2	6	1.5
Zona Reticul, Degeneration, Fatty	1	1	1	1	1		1	1	1	8	1.0
Adrenal Medulla	+	+	+	+	+		+	+	+	8	
Pituitary Gland	M	+	+	M	+		+	+	+	6	
Thyroid Gland	+	+	+	+	+		+	+	+	8	
Infiltration Cellular, Lymphocyte, Focal					1					1	1.0

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 Lab: ILS

P53(C57BL/6) Mouse Female 0 PPM	DAY ON TEST										*TOTALS
	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	0	0	
	5	5	5	6	6	6	6	6	6	6	
	8	8	9	0	2	2	3	3	3	3	
	4	5	9	2	6	7	0	4	5	6	

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

Lymph Node											+		1	
Iliac, Hyperplasia, Plasma Cell											2		1 2.0	
Lymph Node, Mandibular											+	+	+	8
Spleen											+	+	+	8
Thymus											+	+	+	8
Hemorrhage, Acute													1	1 1.0
Hyperplasia, Atypical, Diffuse													2	1 2.0

**Integumentary System**

Mammary Gland											+	+	+	8
Skin											+	+	+	8

**Musculoskeletal System**

NONE

**Nervous System**

NONE

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 Route: DOSED WATER  
 Species/Strain: Mouse/P53(C57BL/6)

**P09: NON-NEOPLASTIC LESIONS BY INDIVIDUAL ANIMAL**  
 Test Compound: Transgenic LECM (Pyridine)  
 CAS Number: 110-86-1

Date Report Requested: 10/23/2014  
 Time Report Requested: 13:15:26  
 First Dose M/F: NA / NA  
 Lab: ILS

P53(C57BL/6) Mouse Female 0 PPM	DAY ON TEST										*TOTALS
	0	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	1	1	
	1	8	8	8	8	8	5	8	8	8	
	9	4	4	4	4	4	5	4	4	4	
ANIMAL ID	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	
	8	8	9	0	2	2	3	3	3	3	
	4	5	9	2	6	7	0	4	5	6	

**Respiratory System**

Lung											8
Alveolus, Infiltration Cellular, Histiocyte										1	1 1.0
Infiltration Cellular, Lymphocyte	2	1	1	2	2			1	2		7 1.6

**Special Senses System**

NONE

**Urinary System**

Kidney											8
Casts Protein, Focal								1			1 1.0
Infiltration Cellular, Lymphocyte				1			1	1			3 1.0
Infiltration Cellular, Lymphocyte, Focal	2								1		2 1.5

\* ..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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1-4 ..Lesion qualified as:

1) Minimal 3) Moderate

2) Mild 4) Marked

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**Lab:** ILS

DAY ON TEST

**P53(C57BL/6) Mouse Female**  
**125 PPM**

ANIMAL ID

\*TOTALS

**Alimentary System**

NONE

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

NONE

**Integumentary System**

NONE

**Musculoskeletal System**

NONE

**Nervous System**

NONE

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DAY ON TEST

**P53(C57BL/6) Mouse Female**  
**125 PPM**

ANIMAL ID

\*TOTALS

---

**Respiratory System**

NONE

**Special Senses System**

NONE

**Urinary System**

NONE

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DAY ON TEST

**P53(C57BL/6) Mouse Female**  
**250 PPM**

ANIMAL ID

\*TOTALS

**Alimentary System**

NONE

**Cardiovascular System**

NONE

**Endocrine System**

NONE

**General Body System**

NONE

**Genital System**

NONE

**Hematopoietic System**

NONE

**Integumentary System**

NONE

**Musculoskeletal System**

NONE

**Nervous System**

NONE

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DAY ON TEST

**P53(C57BL/6) Mouse Female**  
**250 PPM**

ANIMAL ID

\*TOTALS

---

**Respiratory System**

NONE

**Special Senses System**

NONE

**Urinary System**

NONE

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Time Report Requested: 13:15:26

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Lab: ILS

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	0	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	1	1	
	8	8	8	8	8	8	8	8	8	8	
	4	4	4	4	4	4	4	4	4	4	
ANIMAL ID	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	
	7	8	9	0	0	1	1	2	3	4	
	8	1	1	1	3	6	9	4	2	8	

Alimentary System

Liver	+	+	+	+	+	+	+	+	+	+	10
Centrilobular, Hypertrophy	1		1						1	1	4 1.0
Hematopoietic Cell Proliferation, Focal					1						1 1.0
Infiltration Cellular, Mononuclear Cl			2	1	1	1			2		6 1.3
Infiltration Cellular, Mononuclear Cl, Focal	1	1						1			3 1.0
Salivary Glands	+	+	+	+	+	+	+	+	+	+	10
Submandibul GI, Infiltration Cellular, Lymphocyte	1						2		2		3 1.7
Submandibul GI, Infiltration Cellular, Lymphocyte, Focal			1					1	1		3 1.0
Stomach, Forestomach	+	+	+	+	+	+	+	+	+	+	10
Stomach, Glandular	+	+	+	+	+	+	+	+	+	+	10

Cardiovascular System

NONE

Endocrine System

Adrenal Cortex	M	+	+	+	+	+	+	+	+	+	9
Capsule, Hyperplasia				2		2		1	1		4 1.5
Capsule, Hyperplasia, Focal		1	1		1		1		1		5 1.0
Infiltration Cellular, Lymphocyte, Focal				1							1 1.0
Zona Reticul, Degeneration, Fatty		1	1	1	1	1	1	1	1	1	9 1.0
Adrenal Medulla	M	+	+	+	+	+	+	+	+	+	9

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	0	0	0	0	0	0	0	0	0	0				
	1	1	1	1	1	1	1	1	1	1				
	8	8	8	8	8	8	8	8	8	8				
	4	4	4	4	4	4	4	4	4	4				
	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				
	7	8	9	0	0	1	1	2	3	4				
	8	1	1	1	3	6	9	4	2	8				
												<b>*TOTALS</b>		
Pituitary Gland	+	+	+	+	+	+	M	+	+	+				9
Thyroid Gland	+	+	+	+	+	+	+	+	+	+				10
<b>General Body System</b>														
NONE														
<b>Genital System</b>														
NONE														
<b>Hematopoietic System</b>														
Lymph Node, Mandibular	M	+	+	+	+	+	M	+	+	+				8
Spleen	+	+	+	+	+	+	+	+	+	+				10
Hematopoietic Cell Proliferation, Diffuse				3							1	3.0		
Thymus	+	+	+	+	+	+	+	+	+	+				10
<b>Integumentary System</b>														
Mammary Gland	+	+	+	+	+	+	+	+	+	+				10
Skin	+	+	+	+	+	+	+	+	+	+				10
<b>Musculoskeletal System</b>														
NONE														
<b>Nervous System</b>														
NONE														
<b>Respiratory System</b>														

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	1	1	1	1	1	1	1	1	1	1	0			
	8	8	8	8	8	8	8	8	8	8	0			
	4	4	4	4	4	4	4	4	4	4	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	5			
	7	8	9	0	0	1	1	2	3	4	7			
	8	1	1	1	3	6	9	4	2	8	8			
												<b>*TOTALS</b>		
Lung	+											10		
Alveolus, Infiltration Cellular, Histiocyte			1			1	3					3	1.7	
Alveolus, Infiltration Cellular, Histiocyte, Focal				1	1							2	1.0	
Infiltration Cellular, Lymphocyte	2	1	1	1	1	2	2		1	1		9	1.3	
Infiltration Cellular, Lymphocyte, Focal								1				1	1.0	
<b>Special Senses System</b>														
NONE														
<b>Urinary System</b>														
Kidney	+											10		
Glomerulosclerosis, Focal	1											1	1.0	
Infiltration Cellular, Lymphocyte			1	1						3		3	1.7	
Infiltration Cellular, Lymphocyte, Focal								1				1	1.0	
Renal Tubule, Regeneration, Focal			1	1								2	1.0	

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

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