

AMES ASSAY FOR MUTAGENICITY

COMPOUND: 2,4-DihydroxypyridineSOURCE: Lorillard - Organic Chemistry LORILLARD NO: OR61-2 LOT NO: _____DATE RECEIVED 9/3/80 TESTED 9/10/80-10/10/80 REPORTED 10/10/80INVESTIGATOR(S): H. S. Tong & A. A. Poole NOTEBOOK PAGE: BIO7-24SIGNATURE(S): H. S. Tong A. A. Poole

TOXICITY (% SURVIVAL)	50	60	100	SOLVENT:	<input checked="" type="checkbox"/> DMso	<input type="checkbox"/> WATER
CONCENTRATION (mg/ml)		.5		<input type="checkbox"/> OTHER		

S. TYPHIMURIUM	TA1535		TA100		TA98			
	(-)S-9	(+)S-9	(-)S-9	(+)S-9	(-)S-9	(+)S-9	(-)S-9	(+)S-9
CONTROL REVERTANTS PER PLATE (0.05 ml SOLVENT)	4.67	8.00	123.00	135.33	3.33	16.00		

COMPOUND (ug/plate)	REVERSION RATE (TEST REVERTANTS/CONTROL REVERTANTS PER PLATE)							
	500		.92		.88		.96	
250	1.00	.79	.97	.97	.90	.92		
125		.83		.92		.85		

POSITIVE CONTROL (ug/plate)								
	4		1.20	8.63	1.39	7.26	1.80	27.69
2		.86	4.75	1.24	6.07	.30	24.13	

CONCLUSION: This compound is judged non-mutagenic in this test system.Copies to the Following: Dr. H. J. Minnemeyer
Ms. L. B. Gray

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