

Lead sulfate (硫酸鉛)

Chemical Name: <u>Lead sulfate</u>
Synonym
Molecular weight: 303.28
Melting point: 1170°C
Boiling point: °C
Chemical Structure
P b S O <sub>4</sub>
CAS No: 7446-14-2
MITI No: (1)-531
Source of Substance: Wako Pure Chem. Ind., Ltd.
Lot. No. : PEG6312
Purity: extra pure reagent
Vehicle: H <sub>2</sub> O

Mutagenicity  
in Bacterial Test: Negative

IARC Evaluation: G 2B

Judgement  
Specific Mutagenicity  
Positive  
Control

Con. μg/ plate	Experimental Data											
	Number of Revertants/plate											
	Base-substitution						Frame-shift					
	TA100		TA1535		WP2uvrA		TA98		TA1537		TA1538	
	S9-	S9+	S9-	S9+	S9-	S9+	S9-	S9+	S9-	S9+	S9-	S9+
H <sub>2</sub> O	( 213 )	( 207 )	( 29 )	( 11 )	( 27 )	( 26 )	( 27 )	( 46 )	( 9 )	( 20 )	( 15 )	( 22 )
	113	192	28	12	13	29	13	31	9	23	9	15
	126	171	26	9	9	28	26	27	9	25	5	15
100	( 120 )	( 182 )	( 27 )	( 11 )	( 11 )	( 29 )	( 20 )	( 29 )	( 9 )	( 24 )	( 7 )	( 15 )
	129	226	22	6	23	37	44	45	11	25	12	16
	141	163	18	10	14	26	25	29	11	16	12	11
200	( 135 )	( 195 )	( 20 )	( 8 )	( 19 )	( 32 )	( 35 )	( 37 )	( 11 )	( 21 )	( 12 )	( 14 )
	147	203	20	11	19	25	30	39	9	28	14	16
	163	175	21	10	24	26	16	30	10	14	4	23
500	( 155 )	( 189 )	( 21 )	( 11 )	( 22 )	( 26 )	( 23 )	( 35 )	( 10 )	( 21 )	( 9 )	( 20 )
	131	208	15	8	35	28	18	35	11	15	11	18
	107	175	29	8	9	19	21	38	14	14	5	17
1000	( 119 )	( 192 )	( 22 )	( 8 )	( 22 )	( 24 )	( 20 )	( 37 )	( 13 )	( 15 )	( 8 )	( 18 )
	201	147	16	15	15	21	13	43	5	15	5	17
	185	139	18	13	20	23	20	25	9	19	13	8
2000	( 193 )	( 143 )	( 17 )	( 14 )	( 18 )	( 22 )	( 17 )	( 34 )	( 7 )	( 17 )	( 9 )	( 13 )
	184	148	19	14	18	27	20	38	11	22	13	12
	214	152	20	8	29	26	16	39	6	15	14	22
5000	( 199 )	( 150 )	( 20 )	( 11 )	( 24 )	( 27 )	( 18 )	( 39 )	( 9 )	( 19 )	( 14 )	( 17 )
	203	105	19	13	31	13	13	38	17	30	14	18
	216	146	20	3	28	23	16	35	8	12	18	20
10000	( 210 )	( 126 )	( 20 )	( 8 )	( 30 )	( 18 )	( 15 )	( 37 )	( 13 )	( 21 )	( 16 )	( 19 )
	—	—	—	—	—	—	—	—	—	—	—	—
	AF2	2AA 0.5	NaN <sub>3</sub>	2AA	AF2	2AA 80	AF2	2AA	9AA	2AA	4NQO	2AA
	( 932 )	( 562 )	( 338 )	( 241 )	( 326 )	( 690 )	( 508 )	( 366 )	( 240 )	( 278 )	( 316 )	( 263 )