

Sodium sulfide(9 hydrate) (硫化ソ-ダ)

Chemical Name: Sodium sulfide(9 hydrate)
Synonym
Molecular weight: 240.18
Melting point: 50°C
Boiling point:
Chemical Structure
$\text{Na}_2\text{S} \cdot 9\text{H}_2\text{O}$
CAS No: 1313-84-4
Source of Substance: Wako Pure Chem. Ind., Ltd.
Lot.No.: STM2646
Purity: Guaranteed reagent
Vehicle: H <sub>2</sub> O

Experimental Data

Con. μg/ plate	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	( 92 )	( 95 )	( 18 )	( 11 )	( 49 )	( 57 )	( 15 )	( 26 )	( 6 )	( 12 )	( 19 )	( 28 )	
	96	91	20	12	64	66	11	24	9	15	24	29	
	90	99	25	13	53	59	15	33	5	12	20	28	
20	( 93 )	( 95 )	( 23 )	( 13 )	( 59 )	( 63 )	( 13 )	( 29 )	( 7 )	( 14 )	( 22 )	( 29 )	
	91	91	18	11	48	48	15	26	11	15	19	33	
	98	93	24	12	54	63	12	21	7	15	20	30	
50	( 95 )	( 92 )	( 21 )	( 12 )	( 51 )	( 56 )	( 14 )	( 24 )	( 9 )	( 15 )	( 20 )	( 32 )	
	111	101	17	11	58	54	18	31	5	12	21	23	
	92	106	25	17	62	67	20	29	8	16	25	24	
100	( 102 )	( 104 )	( 21 )	( 14 )	( 60 )	( 61 )	( 19 )	( 30 )	( 7 )	( 14 )	( 23 )	( 24 )	
	100	96	17	11	45	60	18	32	5	15	14	25	
	96	100	19	11	41	56	15	31	5	14	24	30	
200	( 98 )	( 98 )	( 18 )	( 11 )	( 43 )	( 58 )	( 17 )	( 32 )	( 5 )	( 15 )	( 19 )	( 28 )	
	87	107	21	12	54	55	18	23	4	13	21	24	
	90	100	23	17	62	48	14	24	6	15	20	28	
500	( 89 )	( 104 )	( 21 )	( 15 )	( 58 )	( 52 )	( 16 )	( 24 )	( 5 )	( 14 )	( 19 )	( 26 )	
	102	103	23	14	68	55	19	18	5	10	24	26	
	108	102	19	13	70	60	14	22	6	9	20	24	
1000	( 105 )	( 103 )	( 21 )	( 14 )	( 69 )	( 58 )	( 17 )	( 20 )	( 6 )	( 10 )	( 22 )	( 25 )	
	88	106	27	15	75	44	21	25	11	10	18	30	
	81	110	15	11	100	48	18	26	10	17	21	29	
2000	( 85 )	( 108 )	( 21 )	( 13 )	( 88 )	( 46 )	( 20 )	( 26 )	( 11 )	( 14 )	( 20 )	( 30 )	
	0*	67*	12	9*	43	58	7*	14	3*	9*	12	43	
	0*	73*	9*	8*	31	50	8*	15	5*	9*	11	32	
5000	( 0* )	( 70* )	( 11* )	( 9* )	( 37 )	( 54 )	( 8* )	( 15 )	( 4* )	( 9* )	( 12 )	( 38 )	
Judgement	— — — — — — — — — — — —												
Specific Mutagenicity	— — — — — — — — — — — —												
Positive Control	AF2	2AA	0.5	NaN <sub>3</sub>	2AA	AF2	2AA	AF2	2AA	9AA	2AA	2NF	2AA
Control	( 334 )	( 440 )	( 234 )	( 261 )	( 266 )	( 914 )	( 301 )	( 789 )	( 1001 )	( 182 )	( 382 )	( 608 )	