

Sodium hydrosulfite (ハイドロサルファイト)

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 ₂ O	(155)	(155)	(29)	(16)	(37)	(51)	(36)	(42)	(8)	(23)	(11)	(15)	
	148	157	28	14	59	48	29	42	6	14	10	21	
	173	185	21	15	45	34	22	53	14	30	10	30	
100	(161)	(171)	(25)	(15)	(52)	(41)	(26)	(48)	(10)	(22)	(10)	(26)	
	172	161	7	23	33	34	33	42	13	17	6	24	
	136	145	23	15	28	23	20	33	10	14	8	16	
200	(154)	(153)	(15)	(19)	(31)	(29)	(27)	(38)	(12)	(16)	(7)	(20)	
	152	138	16	11	46	35	30	36	9	25	6	18	
	143	154	25	9	36	38	29	44	10	15	11	13	
500	(148)	(146)	(21)	(10)	(41)	(37)	(30)	(40)	(10)	(20)	(9)	(16)	
	122	124	16	9	30	52	21	47	9	18	8	13	
	131	119	7	12	52	45	22	32	6	20	9	15	
1000	(127)	(122)	(12)	(11)	(41)	(49)	(22)	(40)	(8)	(19)	(9)	(14)	
	126	145	10	12	35	43	36	33	6	12	11	11	
	123	126	4	13	35	26	33	36	13	21	14	14	
2000	(125)	(136)	(7)	(13)	(35)	(35)	(35)	(35)	(10)	(17)	(13)	(13)	
	141	154	11	10	25	38	20	41	9	13	11	10	
	139	147	10	16	25	40	20	43	6	13	11	9	
5000	(140)	(151)	(11)	(13)	(25)	(39)	(20)	(42)	(8)	(13)	(11)	(10)	
	115	157	12	8	26	52	25	35	7	16	12	11	
	112	146	10	13	25	36	33	35	4	13	13	5	
10000	(114)	(152)	(11)	(11)	(26)	(44)	(29)	(35)	(6)	(15)	(13)	(8)	
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Judgement													
Specific Mutagenicity													
Positive Control	AF2	2AA	0.5	NaN ₃	2AA	AF2	2AA	AF2	2AA	9AA	2AA	4NQO	2AA
Control	(684)	(603)	(344)	(129)	(315)	(1795)	(534)	(444)	(223)	(323)	(258)	(215)	