

Chromium(III)sulfate(x hydrate)(硫酸第二クロム)

Experimental Data

Chemical Name: Chromium(III)sulfate (x hydrate)	Synonym: Chromic sulfate (x hydrate)	Molecular weight:	Melting point: °C	Boiling point: °C	Chemical Structure $Cr_2(SO_4)_3 \cdot xH_2O$	CAS No: 15244-38-9	MITI No: (1)-287	Source of Substance: Wako Pure Chem. Ind., Ltd.	Lot.No.: ALE3079	Purity:	Vehicle: H ₂ O	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+	S9-	S9+											
H ₂ O	(190)	(209)	(36)	(23)	(31)	(28)	(31)	(45)	(22)	(21)	(9)	(16)												
	191	185	33	23	32	23	22	42	14	19	8	23												
	162	192	28	20	32	26	28	36	11	41	6	25												
100	(177)	(189)	(31)	(22)	(32)	(25)	(25)	(39)	(13)	(30)	(7)	(24)												
	176	155	24	25	38	29	42	42	12	28	9	16												
	162	204	30	19	13	28	28	33	14	25	6	26												
200	(169)	(180)	(27)	(22)	(26)	(29)	(35)	(38)	(13)	(27)	(8)	(21)												
	155	194	29	18	23	38	31	31	18	25	4	16												
	148	187	33	18	30	34	30	62	11	22	10	28												
500	(152)	(191)	(31)	(18)	(27)	(36)	(31)	(47)	(15)	(24)	(7)	(22)												
	127	199	28	20	30	23	35	30	15	18	11	15												
	150	189	33	26	20	34	27	52	14	11	12	23												
1000	(139)	(194)	(31)	(23)	(25)	(29)	(31)	(41)	(15)	(15)	(12)	(19)												
	97	171	18	14	38	26	31	45	8	9	17	24												
	111	183	23	16	29	25	21	52	10	7	5	29												
2000	(104)	(177)	(21)	(15)	(34)	(26)	(26)	(49)	(9)	(8)	(11)	(27)												
	49*	84*	14	8	43	32	32	31	11	13	10	12												
	53*	100*	15	16	38	26	32	26	13	9	10	12												
5000	(51*)	(92*)	(15)	(12)	(41)	(29)	(32)	(29)	(12)	(11)	(10)	(12)												
	0*	0*	0*	3*	18	29	39	23	9	0*	16	14												
	0*	0*	0*	0*	28	35	34	38	15	0*	11	13												
10000	(0*)	(0*)	(0*)	(2*)	(23)	(32)	(37)	(31)	(12)	(0*)	(14)	(14)												
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Judgement																								
Specific Mutagenicity																								
Positive	AF2	2AA 0.5	NaN ₃	2AA	AF2	2AA 80	AF2	2AA	9AA	2AA	4NQO	2AA												
Control	(962)	(615)	(371)	(312)	(547)	(828)	(523)	(305)	(138)	(426)	(264)	(320)												