

Zinc nitrate(6 hydrate) (硝酸亜鉛)

Experimental Data

Chemical Name: Zinc nitrate(6 hydrate) Synonym Molecular weight: 297.47 Melting point: 36.4 °C Boiling point: 131°C Chemical Structure $Zn(NO_3)_2 \cdot 6H_2O$ CAS No: 10196-18-6 MITI No: (1)-491 Source of Substance: Wako Pure Chem. Ind., Ltd. Lot. No.: STP2148 Purity: Guaranteed reagent 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+	
H ₂ O	(111)	(111)	(18)	(13)	(51)	(51)	(15)	(26)	(6)	(12)	(20)	(28)	
	113	115	14	16	42	47	13	24	5	10	17	32	
	103	104	23	8	54	49	11	23	7	10	15	29	
20	(108)	(110)	(19)	(12)	(48)	(48)	(12)	(24)	(6)	(10)	(16)	(31)	
	112	125	24	13	48	55	15	21	8	13	16	29	
	96	135	23	13	48	60	16	20	10	11	15	28	
50	(104)	(130)	(24)	(13)	(48)	(58)	(16)	(21)	(9)	(12)	(16)	(29)	
	91	108	20	12	47	63	14	24	9	13	20	28	
	107	123	19	11	53	60	11	22	6	8	14	22	
100	(99)	(116)	(20)	(12)	(50)	(62)	(13)	(23)	(8)	(11)	(17)	(25)	
	107	108	15	12	51	41	13	24	8	10	20	27	
	85	114	16	13	54	48	17	25	8	8	15	29	
200	(96)	(111)	(16)	(13)	(53)	(45)	(15)	(25)	(8)	(9)	(18)	(28)	
	115	98	19	9	41	53	19	22	6	9	17	24	
	88	123	18	12	39	49	16	24	8	9	21	29	
500	(102)	(111)	(19)	(11)	(40)	(51)	(18)	(23)	(7)	(9)	(19)	(27)	
	94	114	24	12	56	61	17	22	6	7	21	29	
	97	115	23	15	51	60	16	25	11	6	12	26	
1000	(96)	(115)	(24)	(14)	(54)	(61)	(17)	(24)	(9)	(7)	(17)	(28)	
	109	121	19	9	41	53	18	21	12	9	14	23	
	104	123	12	12	43	47	17	23	5	10	20	28	
2000	(107)	(122)	(16)	(11)	(42)	(50)	(18)	(22)	(9)	(10)	(17)	(26)	
	102	129	9	6	44	47	14	22	11	8	16	29	
	113	129	10	8	43	47	17	24	7	9	14	28	
5000	(108)	(129)	(10)	(7)	(44)	(47)	(16)	(23)	(9)	(9)	(15)	(29)	
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Judgement Specific Mutagenicity													
Positive	AF2	2AA	0.5	NaN ₃	2AA	AF2	2AA	AF2	2AA	9AA	2AA	2NF	2AA
Control	(438)	(515)	(234)	(261)	(292)	(883)	(381)	(521)	(1001)	(182)	(280)	(536)	