

Ammonium tungstate(para) (パラタングステン酸アンモニウム)

Experimental Data

Chemical Name: Ammonium tungstate(para) Synonym: Ammonium tungstate Molecular weight: 3132.62 Melting point: Boiling point:  Chemical Structure  (NH <sub>4</sub> ) <sub>10</sub> W <sub>12</sub> O <sub>41</sub> または 5(NH <sub>4</sub> ) <sub>2</sub> O · 12WO <sub>3</sub> · 5H <sub>2</sub> O  CAS No: 11120-25-5  Source of Substance: Wako Pure Chem. Ind., Ltd.  Lot. No.: WKP3949 Purity: Vehicle: H <sub>2</sub> O  Mutagenicity in Bacterial Test: Negative  IARC Evaluation: not yet cited   Judgement Specific Mutagenicity Positive Control	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	( 91 )	( 112 )	( 15 )	( 13 )	( 44 )	( 48 )	( 13 )	( 30 )	( 6 )	( 11 )	( 15 )	( 26 )	
	85	105	16	13	50	67	11	32	6	17	14	27	
	89	112	15	13	36	52	10	25	5	13	18	23	
20	( 87 )	( 109 )	( 16 )	( 13 )	( 43 )	( 60 )	( 11 )	( 29 )	( 6 )	( 15 )	( 16 )	( 25 )	
	113	107	17	14	50	63	16	34	5	9	14	25	
	92	112	13	9	38	62	13	32	5	9	11	23	
50	( 103 )	( 110 )	( 15 )	( 12 )	( 44 )	( 63 )	( 15 )	( 33 )	( 5 )	( 9 )	( 13 )	( 24 )	
	89	118	17	16	46	53	9	26	7	17	12	25	
	85	96	11	10	35	42	15	36	5	10	14	18	
100	( 87 )	( 107 )	( 14 )	( 13 )	( 41 )	( 48 )	( 12 )	( 31 )	( 6 )	( 14 )	( 13 )	( 22 )	
	91	123	10	12	39	52	10	26	14	9	16	19	
	81	104	13	16	44	64	10	23	11	14	12	28	
200	( 86 )	( 114 )	( 12 )	( 14 )	( 42 )	( 58 )	( 10 )	( 25 )	( 13 )	( 12 )	( 14 )	( 24 )	
	87	118	11	10	37	45	11	33	8	7	14	25	
	90	126	18	12	35	37	10	38	7	9	9	23	
500	( 89 )	( 122 )	( 15 )	( 11 )	( 36 )	( 41 )	( 11 )	( 36 )	( 8 )	( 8 )	( 12 )	( 24 )	
	93	88	15	14	42	41	11	32	4	14	12	32	
	99	124	13	19	51	46	13	28	7	11	13	26	
1000	( 96 )	( 106 )	( 14 )	( 17 )	( 47 )	( 44 )	( 12 )	( 30 )	( 6 )	( 13 )	( 13 )	( 29 )	
	92	93	13	9	36	57	14	25	6	11	11	21	
	89	95	13	11	43	45	9	18	5	10	12	20	
2000	( 91 )	( 94 )	( 13 )	( 10 )	( 40 )	( 51 )	( 12 )	( 22 )	( 6 )	( 11 )	( 12 )	( 21 )	
	89	103	16	13	45	56	13	23	6	6	10	25	
	100	105	13	11	42	42	8	26	3	8	10	22	
5000	( 95 )	( 104 )	( 15 )	( 12 )	( 44 )	( 49 )	( 11 )	( 25 )	( 5 )	( 7 )	( 10 )	( 24 )	
	-	-	-	-	-	-	-	-	-	-	-	-	
	AF2	2AA 0.5	NaN <sub>3</sub>	2AA	AF2	2AA	AF2	2AA	9AA	2AA	2NF	2AA	
	( 472 )	( 393 )	( 237 )	( 282 )	( 297 )	( 473 )	( 298 )	( 330 )	( 1007 )	( 182 )	( 390 )	( 302 )	