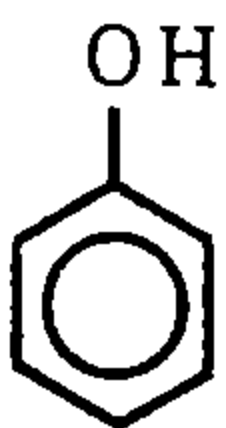


Phenol (7x)-ll)

Experimental Data

Chemical Name: Phenol
Synonym: Carboic acid
Molecular weight: 92.52
Melting point: 40~42°C
Boiling point: 182°C
Flashing point: 79°C
Chemical Structure

CAS No : 108-95-2
MITI No: (3)-481
Source of Substance: Wako Pure Chem. Ind., Ltd.
Lot. No. : AWK7091
Purity: 99.1 %
Vehicle: H <sub>2</sub> O

Con. μg/ plate	Number of Revertants/plate									
	Base-substitution						Frame-shift			
	TA100		TA1535		WP2uvrA		TA98		TA1537	
	S9-	S9+	S9-	S9+	S9-	S9+	S9-	S9+	S9-	S9+
H <sub>2</sub> O	(128)	(133)	(20)	(12)	(39)	(50)	(19)	(29)	(5)	(7)
	118	139	16	8	42	46	19	32	5	4
	136	144	20	8	45	47	21	32	1	5
50	(127)	(142)	(18)	(8)	(44)	(47)	(20)	(32)	(3)	(5)
	119	151	15	13	46	52	14	29	7	8
	145	153	16	11	42	43	17	26	4	4
100	(132)	(152)	(16)	(12)	(44)	(48)	(16)	(28)	(6)	(6)
	122	146	22	11	46	53	18	34	3	7
	128	158	13	9	46	38	20	31	3	4
200	(125)	(152)	(18)	(10)	(46)	(46)	(19)	(33)	(3)	(6)
	115	135	22	6	45	42	14	21	2	3
	139	119	13	11	52	46	14	26	3	5
500	(127)	(127)	(18)	(9)	(49)	(44)	(14)	(24)	(3)	(4)
	136	136	19	9	30	47	16	20	3	7
	140	159	23	13	42	40	19	20	4	5
1000	(138)	(148)	(21)	(11)	(36)	(44)	(18)	(20)	(4)	(6)
	125	119	19	10	34	36	14	31	7	9
	126	148	22	11	23	43	21	26	7	5
2000	(126)	(134)	(21)	(11)	(29)	(40)	(18)	(29)	(7)	(7)
	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*
5000	(0*)	(0*)	(0*)	(0*)	(0*)	(0*)	(0*)	(0*)	(0*)	(0*)
Judgement	-	-	-	-	-	-	-	-	-	-
Specific Mutagenicity										
Positive	AF2	2AA	NaN <sub>3</sub>	2AA	AF2	2AA	AF2	2AA	9AA	2AA
Control	(659)	(1111)	(318)	(273)	(727)	(993)	(426)	(431)	(725)	(206)