

GAS-LIB-402 & -406 : Component list for GT5000 Terra

24.1.2022

#	Compound name	Formula	CAS number	Maximum range	Unit
Standard components					
1	Water	H ₂ O	7732-18-5	3	vol-%
2	Carbon dioxide	CO ₂	124-38-9	2000	ppm
3	Carbon monoxide	CO	630-08-0	200	ppm
4	Nitrous oxide	N ₂ O	10024-97-2	100	ppm
5	Methane	CH ₄	74-82-8	100	ppm
Additional components					
Open-chain hydrocarbons					
6	1,3-Butadiene	C ₄ H ₆	106-99-0	200	ppm
7	1-Butene	C ₄ H ₈	106-98-9	100	ppm
8	1-Heptene	C ₇ H ₁₄	592-76-7	100	ppm
9	1-Hexyne	C ₆ H ₁₀	693-02-7	50	ppm
10	1-Pentene	C ₅ H ₁₀	109-67-1	100	ppm
11	2,2-Dimethylbutane	C ₆ H ₁₄	75-83-2	50	ppm
12	2,3-Dimethylbutane	C ₆ H ₁₄	79-29-8	50	ppm
13	Acetylene (Ethyne)	C ₂ H ₂	74-86-2	200	ppm
14	Butane	C ₄ H ₁₀	106-97-8	100	ppm
15	cis-2-Butene	C ₄ H ₈	590-18-1	200	ppm
16	cis-2-Pentene	C ₅ H ₁₀	627-20-3	200	ppm
17	Decane	C ₁₀ H ₂₂	124-18-5	50	ppm
18	Dodecane	C ₁₂ H ₂₆	112-40-3	50	ppm
19	Ethane	C ₂ H ₆	74-84-0	200	ppm
20	Ethylene (Ethene)	C ₂ H ₄	74-85-1	200	ppm
21	Heptane	C ₇ H ₁₆	142-82-5	50	ppm
22	Hexane	C ₆ H ₁₄	110-54-3	100	ppm
23	Hexene	C ₆ H ₁₂	592-41-6	100	ppm
24	Isobutane (2-Methyl propane)	C ₄ H ₁₀	75-28-5	100	ppm
25	Isobutene (2-Methyl-1-propene)	C ₄ H ₈	115-11-7	200	ppm
26	Isohexane (2-Methyl pentane)	C ₆ H ₁₄	107-83-5	50	ppm
27	Iso-octane (2,2,4-Trimethyl pentane)	C ₈ H ₁₈	540-84-1	50	ppm
28	Isopentane (2-Methyl butane)	C ₅ H ₁₂	78-78-4	100	ppm
29	Isoprene	C ₅ H ₈	78-79-5	200	ppm
30	Nonane	C ₉ H ₂₀	111-84-2	50	ppm
31	Octane	C ₈ H ₁₈	111-65-9	50	ppm
32	Pentane	C ₅ H ₁₂	109-66-0	100	ppm
33	Propane	C ₃ H ₈	74-98-6	100	ppm
34	Propene	C ₃ H ₆	115-07-1	200	ppm
35	trans-2-Butene	C ₄ H ₈	624-64-6	100	ppm
36	trans-2-Pentene	C ₅ H ₁₀	646-04-8	200	ppm
37	Undecane	C ₁₁ H ₂₄	1120-21-4	50	ppm
Aromatic or cyclic hydrocarbons					
38	(-)-trans-Caryophyllene	C ₁₅ H ₂₄	87-44-5	20	ppm
39	1,2,3-Trimethylbenzene	C ₉ H ₁₂	526-73-8	100	ppm
40	1,2,4-Trimethylbenzene	C ₉ H ₁₂	95-63-6	100	ppm
41	1,3,5-Trimethylbenzene (Mesitylene)	C ₉ H ₁₂	108-67-8	100	ppm

42	2-Ethyltoluene	C ₉ H ₁₂	611-14-3	100	ppm
43	2-Vinyltoluene (2-methylstyrene, o-methylstyrene)	C ₉ H ₁₀	611-15-4	50	ppm
44	3-Ethyltoluene	C ₉ H ₁₂	620-14-4	100	ppm
45	3-Vinyltoluene (3-methylstyrene, m-methylstyrene)	C ₉ H ₁₀	100-80-1	50	ppm
46	4-Ethyltoluene	C ₉ H ₁₂	622-96-8	100	ppm
47	4-tert-Butylstyrene	C ₁₂ H ₁₆	1746-23-2	50	ppm
48	4-Vinyl-1-cyclohexene	C ₈ H ₁₂	100-40-3	50	ppm
49	4-Vinyltoluene (4-methylstyrene, p-methylstyrene)	C ₉ H ₁₀	622-97-9	50	ppm
50	5-Ethylidene-2-norbornene (ENB)	C ₉ H ₁₂	16219-75-3	50	ppm
51	5-Vinyl-2-norbornene (VNB)	C ₉ H ₁₂	3048-64-4	50	ppm
52	Benzene	C ₆ H ₆	71-43-2	50	ppm
53	Cyclohexane	C ₆ H ₁₂	110-82-7	50	ppm
54	Cyclopentane	C ₅ H ₁₀	287-92-3	50	ppm
55	Cyclopentene	C ₅ H ₈	142-29-0	100	ppm
56	Delta-3-Carene	C ₁₀ H ₁₆	13466-78-9	100	ppm
57	Dicyclopentadiene (DCPD)	C ₁₀ H ₁₂	77-73-6	100	ppm
58	Ethyl benzene	C ₈ H ₁₀	100-41-4	100	ppm
59	Ethylcyclohexane	C ₈ H ₁₆	1678-91-7	50	ppm
60	Limonene	C ₁₀ H ₁₆	138-86-3	100	ppm
61	m-Diethylbenzene (1,3-diethylbenzene)	C ₁₀ H ₁₄	141-93-5	50	ppm
62	Methylcyclohexane	C ₇ H ₁₄	108-87-2	50	ppm
63	Methylcyclopentane	C ₆ H ₁₂	96-37-7	50	ppm
64	m-Xylene	C ₈ H ₁₀	108-38-3	200	ppm
65	Naphthalene	C ₁₀ H ₈	91-20-3	50	ppm
66	o-Diethylbenzene (1,2-diethylbenzene)	C ₁₀ H ₁₄	135-01-3	50	ppm
67	o-Xylene	C ₈ H ₁₀	95-47-6	200	ppm
68	p-Diethylbenzene (1,4-diethylbenzene)	C ₁₀ H ₁₄	105-05-5	50	ppm
69	p-Xylene	C ₈ H ₁₀	106-42-3	100	ppm
70	Styrene	C ₈ H ₈	100-42-5	200	ppm
71	Tetraline (1,2,3,4-Tetrahydronaphthalene; Bacticin; benzocyclopentadiene)	C ₁₀ H ₁₂	119-64-2	50	ppm
72	Toluene	C ₇ H ₈	108-88-3	200	ppm
73	α-Pinene	C ₁₀ H ₁₆	80-56-8	50	ppm
74	β-Pinene	C ₁₀ H ₁₆	127-91-3	50	ppm
Acids and derivatives					
75	1-Methoxy-2-propyl acetate	C ₆ H ₁₂ O ₃	108-65-6	50	ppm
76	2-(2-Butoxyethoxy)ethyl acetate	C ₁₀ H ₂₀ O ₄	124-17-4	20	ppm
77	2-Butoxyethyl acetate	C ₈ H ₁₆ O ₃	112-07-2	50	ppm
78	2-Ethoxyethyl acetate (Cellosolve acetate)	C ₆ H ₁₂ O ₃	111-15-9	50	ppm
79	2-Ethylhexyl acrylate	C ₁₁ H ₂₀ O ₂	103-11-7	50	ppm
80	2-Methoxyethyl acetate (Methyl cellosolve acetate)	C ₅ H ₁₀ O ₃	110-49-6	50	ppm
81	Acetic acid	C ₂ H ₄ O ₂	64-19-7	100	ppm
82	Acetic acid anhydride	C ₄ H ₆ O ₃	108-24-7	50	ppm
83	Acetoacetic ester (Ethyl acetoacetate)	C ₆ H ₁₀ O ₃	141-97-9	50	ppm
84	Acrylic acid	C ₃ H ₄ O ₂	79-10-7	100	ppm
85	Butyl acetate	C ₆ H ₁₂ O ₂	123-86-4	50	ppm
86	Butyl acrylate (2-propenoic acid butyl ester)	C ₇ H ₁₂ O ₂	141-32-2	50	ppm
87	Butyl butyrate (Butanoic acid butyl ester, Butyric acid butyl ester)	C ₈ H ₁₆ O ₂	109-21-7	50	ppm
88	Butyl lactate (Butyl 2-hydroxypropanoate)	C ₇ H ₁₄ O ₃	138-22-7	50	ppm
89	Butyric acid (butanoic acid)	C ₄ H ₈ O ₂	107-92-6	50	ppm

90	Dimethyl carbonate (DCM; Methyl carbonate)	C ₃ H ₆ O ₃	616-38-6	50	ppm
91	Ethyl acetate	C ₄ H ₈ O ₂	141-78-6	50	ppm
92	Ethyl acrylate	C ₅ H ₈ O ₂	140-88-5	50	ppm
93	Ethyl formate	C ₃ H ₆ O ₂	109-94-4	50	ppm
94	Ethyl lactate (Ethyl α-hydroxypropionate)	C ₅ H ₁₀ O ₃	97-64-3	50	ppm
95	Ethyl methacrylate	C ₆ H ₁₀ O ₂	97-63-2	50	ppm
96	Ethyl-3-ethoxypropionate	C ₇ H ₁₄ O ₃	763-69-9	50	ppm
97	Formic acid	CH ₂ O ₂	64-18-6	100	ppm
98	Furfuryl acetate	C ₇ H ₈ O ₃	623-17-6	50	ppm
99	Heptanoic acid	C ₇ H ₁₄ O ₂	111-14-8	20	ppm
100	Hexanoic acid (caproic acid)	C ₆ H ₁₂ O ₂	142-62-1	50	ppm
101	Isobutyl acetate	C ₆ H ₁₂ O ₂	110-19-0	50	ppm
102	Isobutyl formate (2-Methylpropyl formate)	C ₅ H ₁₀ O ₂	542-55-2	50	ppm
103	Isobutyl methacrylate	C ₈ H ₁₄ O ₂	97-86-9	50	ppm
104	Isooctyl acrylate	C ₁₁ H ₂₀ O ₂	29590-42-9	50	ppm
105	Isopentyl acetate	C ₇ H ₁₄ O ₂	123-92-2	50	ppm
106	Isopropyl acetate	C ₅ H ₁₀ O ₂	108-21-4	50	ppm
107	Isovaleric acid (3-Methylbutyric acid, Isopentanoic acid, Del	C ₅ H ₁₀ O ₂	503-74-2	50	ppm
108	Methacrylic acid	C ₄ H ₆ O ₂	79-41-4	50	ppm
109	Methyl acetate	C ₃ H ₆ O ₂	79-20-9	50	ppm
110	Methyl acrylate	C ₄ H ₆ O ₂	96-33-3	50	ppm
111	Methyl formate	C ₂ H ₄ O ₂	107-31-3	100	ppm
112	Methyl methacrylate	C ₅ H ₈ O ₂	80-62-6	50	ppm
113	Propionic acid	C ₃ H ₆ O ₂	79-09-4	100	ppm
114	Propyl acetate	C ₅ H ₁₀ O ₂	109-60-4	50	ppm
115	trans-2-Hexenyl acetate	C ₈ H ₁₄ O ₂	2497-18-9	50	ppm
116	Valeric acid (pentanoic acid)	C ₅ H ₁₀ O ₂	109-52-4	50	ppm
117	Vinyl acetate	C ₄ H ₆ O ₂	108-05-4	50	ppm
Aldehydes					
118	2-Ethylhexylaldehyde (2-Ethylhexanal)	C ₈ H ₁₆ O	123-05-7	50	ppm
119	2-Methylbutylaldehyde	C ₅ H ₁₀ O	96-17-3	100	ppm
120	5-Methylfurfural (5-Methyl-2-furaldehyde)	C ₆ H ₆ O ₂	620-02-0	200	ppm
121	Acetaldehyde	C ₂ H ₄ O	75-07-0	200	ppm
122	Acrolein (Acrylic aldehyde)	C ₃ H ₄ O	107-02-8	200	ppm
123	Benzaldehyde	C ₇ H ₆ O	100-52-7	50	ppm
124	Butylaldehyde (Butanal)	C ₄ H ₈ O	123-72-8	100	ppm
125	Crotonaldehyde	C ₄ H ₆ O	4170-30-3	50	ppm
126	Formaldehyde	CH ₂ O	50-00-0	50	ppm
127	Furfural (2-Furaldehyde)	C ₅ H ₄ O ₂	98-01-1	200	ppm
128	Hexanal (Hexanaldehyde)	C ₆ H ₁₂ O	66-25-1	50	ppm
129	Isobutyraldehyde (2-Methylpropanal)	C ₄ H ₈ O	78-84-2	100	ppm
130	Isovaleraldehyde	C ₅ H ₁₀ O	590-86-3	50	ppm
131	Octanal (Caprylic aldehyde)	C ₈ H ₁₆ O	124-13-0	50	ppm
132	o-Tolualdehyde	C ₈ H ₈ O	529-20-4	100	ppm
133	Pentanal (Pentanaldehyde; Valeraldehyde; Valeric aldehyde)	C ₅ H ₁₀ O	110-62-3	50	ppm
134	Propionaldehyde (Propanal)	C ₃ H ₆ O	123-38-6	200	ppm
135	Trans-2-Nonenal	C ₉ H ₁₆ O	18829-56-6	50	ppm
Ketones					
136	2,3-Butanedione (Diacetyl)	C ₄ H ₆ O ₂	431-03-8	100	ppm

137	2,3-Heptanedione	C ₇ H ₁₂ O ₂	96-04-8	100	ppm
138	2,3-Hexanedione	C ₆ H ₁₀ O ₂	3848-24-6	100	ppm
139	2,3-Pentanedione	C ₅ H ₈ O ₂	600-14-6	200	ppm
140	2,6-Dimethyl-4-heptanone	C ₉ H ₁₈ O	108-83-8	50	ppm
141	2-Acetylfurane (2-Furyl methyl ketone)	C ₆ H ₆ O ₂	1192-62-7	100	ppm
142	2-Methylcyclohexanone	C ₇ H ₁₂ O	583-60-8	50	ppm
143	4-Heptanone (Dipropyl ketone, Butyrone, DPK, Propyl ketone)	C ₇ H ₁₄ O	123-19-3	50	ppm
144	4-Methyl-3-penten-2-one (Mesityl oxide)	C ₆ H ₁₀ O	141-79-7	50	ppm
145	5-methyl-2-hexanone (MIAK; methyl isoamyl ketone)	C ₇ H ₁₄ O	110-12-3	100	ppm
146	Acetoin (3-hydroxybutanone)	C ₄ H ₈ O ₂	513-86-0	100	ppm
147	Acetone	C ₃ H ₆ O	67-64-1	200	ppm
148	Acetophenone (Phenyl methyl ketone)	C ₈ H ₈ O	98-86-2	100	ppm
149	Benzyl Methyl Ketone	C ₉ H ₁₀ O	103-79-7	50	ppm
150	Carvone	C ₁₀ H ₁₄ O	2244-16-8	50	ppm
151	Cyclohexanone (Cyclohexyl ketone)	C ₆ H ₁₀ O	108-94-1	100	ppm
152	Cyclopentanone	C ₅ H ₈ O	120-92-3	100	ppm
153	Diethyl ketone (DEK; 3-Pentanone)	C ₅ H ₁₀ O	96-22-0	100	ppm
154	Diketene (4-methylideneoxetan-2-one, γ-methylenebutyrolactone)	C ₄ H ₄ O ₂	674-82-8	50	ppm
155	Isophorone (3,5,5-Trimethyl-2-cyclohexene-1-one, Isoforone)	C ₉ H ₁₄ O	78-59-1	50	ppm
156	Menthone	C ₁₀ H ₁₈ O	3391-87-5	50	ppm
157	Methyl ethyl ketone (MEK, 2-butanone)	C ₄ H ₈ O	78-93-3	200	ppm
158	Methyl isobutyl ketone (MIBK; 4-Methyl-2-pentanone)	C ₆ H ₁₂ O	108-10-1	100	ppm
Alcohols					
159	1,2-Propanediol (propylene glycol)	C ₃ H ₈ O ₂	57-55-6	50	ppm
160	1-Butanol	C ₄ H ₁₀ O	71-36-3	100	ppm
161	1-Hexanol	C ₆ H ₁₄ O	111-27-3	100	ppm
162	1-Pentanol (Amyl alcohol)	C ₅ H ₁₂ O	71-41-0	100	ppm
163	1-Propanol	C ₃ H ₈ O	71-23-8	100	ppm
164	2-Butanol (sec-Butyl alcohol)	C ₄ H ₁₀ O	78-92-2	100	ppm
165	2-Ethoxyethanol (Cellosolve)	C ₄ H ₁₀ O ₂	110-80-5	100	ppm
166	2-Ethylhexanol (2-EH; 2-Ethylhexan-1-ol)	C ₈ H ₁₈ O	104-76-7	50	ppm
167	2-Methoxyethanol (methyl cellosolve)	C ₃ H ₈ O ₂	109-86-4	100	ppm
168	4-Methyl-2-pentanol	C ₆ H ₁₄ O	108-11-2	100	ppm
169	Allyl alcohol	C ₃ H ₆ O	107-18-6	50	ppm
170	cis-3-Hexen-1-ol (leaf alcohol)	C ₆ H ₁₂ O	928-96-1	20	ppm
171	Diethylene glycol (DEG)	C ₄ H ₁₀ O ₃	111-46-6	10	ppm
172	Diethylene glycol monomethyl ether (MDGE)	C ₅ H ₁₂ O ₃	111-77-3	50	ppm
173	Ethanol	C ₂ H ₆ O	64-17-5	200	ppm
174	Ethylene glycol (1,2-Ethanediol)	C ₂ H ₆ O ₂	107-21-1	50	ppm
175	Furfuryl alcohol (2-Furan methanol)	C ₅ H ₆ O ₂	98-00-0	50	ppm
176	Isobutanol (2-Methyl-1-propanol)	C ₄ H ₁₀ O	78-83-1	100	ppm
177	Isopropanol (2-Propanol; Isopropyl alcohol)	C ₃ H ₈ O	67-63-0	100	ppm
178	Linalool (3,7-Dimethyl-1,6-octadien-3-ol)	C ₁₀ H ₁₈ O	78-70-6	50	ppm
179	m-Cresol (3-Methyl phenol)	C ₇ H ₈ O	108-39-4	50	ppm
180	Menthol (2-Isopropyl-5-methylcyclohexanol, Hexahydrothymol)	C ₁₀ H ₂₀ O	1490-04-6	50	ppm
181	Methanol	CH ₄ O	67-56-1	100	ppm
182	o-Cresol (2-Methyl phenol)	C ₇ H ₈ O	95-48-7	50	ppm
183	p-Cresol (4-Methyl phenol)	C ₇ H ₈ O	106-44-5	50	ppm
184	Phenol	C ₆ H ₆ O	108-95-2	50	ppm

230	2-Methylpyrazine	$C_5H_6N_2$	109-08-0	200	ppm
231	Acetonitrile	C_2H_3N	75-05-8	200	ppm
232	Acrylonitrile	C_3H_3N	107-13-1	200	ppm
233	Allylcyanide (3-Butenenitrile)	C_4H_5N	109-75-1	50	ppm
234	Aniline (Benzenamine)	C_6H_7N	62-53-3	100	ppm
235	Butyl isocyanate (1-Isocyanatobutane)	C_5H_9NO	111-36-4	50	ppm
236	Butylamine (1-Butanamine)	$C_4H_{11}N$	109-73-9	100	ppm
237	Cyanogen (Dicyan)	C_2N_2	460-19-5	200	ppm
238	Cyclohexylamine	$C_6H_{13}N$	108-91-8	50	ppm
239	Dibutylamine	$C_8H_{19}N$	111-92-2	50	ppm
240	Diethylamine	$C_4H_{11}N$	109-89-7	100	ppm
241	Dihexylamine	$C_{12}H_{27}N$	143-16-8	50	ppm
242	Dimethylamine	C_2H_7N	124-40-3	200	ppm
243	Dimethylformamide (DMF)	C_3H_7NO	68-12-2	100	ppm
244	Ethanolamine (2-Aminoethanol; MEA)	C_2H_7NO	141-43-5	200	ppm
245	Ethylamine (1-Ethanamine)	C_2H_7N	75-04-7	200	ppm
246	Ethylmorpholine	$C_6H_{13}NO$	100-74-3	50	ppm
247	Hexylamine	$C_6H_{15}N$	111-26-2	50	ppm
248	Hydrogen cyanide	HCN	74-90-8	50	ppm
249	Isopropylamine (2-Propanamine)	C_3H_9N	75-31-0	100	ppm
250	Methacrylonitrile	C_4H_5N	126-98-7	50	ppm
251	Methyl isocyanate (Isocyanatomethane)	C_2H_3NO	624-83-9	50	ppm
252	Methylamine	CH_5N	74-89-5	200	ppm
253	Morpholine	C_4H_9NO	110-91-8	100	ppm
254	N,N-Dimethylaniline	$C_8H_{11}N$	121-69-7	50	ppm
255	Nitrobenzene	$C_6H_5NO_2$	98-95-3	200	ppm
256	Nitromethane	CH_3NO_2	75-52-5	200	ppm
257	Phenyl isocyanate (Carbanil; Phenylcarbimide)	C_7H_5NO	103-71-9	50	ppm
258	Propanenitrile	C_3H_5N	107-12-0	50	ppm
259	Propylamine (1-Aminopropane)	C_3H_9N	107-10-8	50	ppm
260	Pyridine	C_5H_5N	110-86-1	200	ppm
261	Tetraethylurea (1,1,3,3-Tetraethylurea)	$C_9H_{20}N_2O$	1187-03-7	50	ppm
262	Tetramethylurea (1,1,3,3-Tetramethylurea)	$C_5H_{12}N_2O$	632-22-4	50	ppm
263	Triethylamine	$C_6H_{15}N$	121-44-8	50	ppm
264	Trimethylamine	C_3H_9N	75-50-3	100	ppm
Chloro compounds (see also freons)					
265	1,1,1-Trichloroethane	$C_2H_3Cl_3$	71-55-6	100	ppm
266	1,1,2,2-Tetrachloroethane	$C_2H_2Cl_4$	79-34-5	50	ppm
267	1,1-Dichloroethane	$C_2H_4Cl_2$	75-34-3	200	ppm
268	1,2,4-Trichlorobenzene	$C_6H_3Cl_3$	120-82-1	50	ppm
269	1,2-Dichloroethane (Freon 150)	$C_2H_4Cl_2$	107-06-2	200	ppm
270	1,2-Dichloropropane (Propylene dichloride)	$C_3H_6Cl_2$	78-87-5	200	ppm
271	2,5-Dichlorophenol	$C_6H_4Cl_2O$	583-78-8	50	ppm
272	3-Chloro-2-methyl-1-propene (Methallyl chloride)	C_4H_7Cl	563-47-3	50	ppm
273	3-Chloropropionyl chloride (3-Chloropropionic acid chloride)	$C_3H_4Cl_2O$	625-36-5	50	ppm
274	Acetyl chloride (Acetic chloride)	C_2H_3ClO	75-36-5	100	ppm
275	Allyl chloride (3-chloro-1-propene)	C_3H_5Cl	107-05-1	50	ppm
276	Benzyl chloride (α -Chlorotoluene)	C_7H_7Cl	100-44-7	50	ppm
277	Butyl chloroformate (Butyl chlorocarbonate)	$C_5H_9ClO_2$	592-34-7	50	ppm

278	Chloroacetyl chloride	$C_2H_2Cl_2O$	79-04-9	50	ppm
279	Chlorobenzene (Phenyl chloride)	C_6H_5Cl	108-90-7	200	ppm
280	Chloroform (Trichloromethane; Freon 20)	$CHCl_3$	67-66-3	100	ppm
281	Chloromethyl chloroformate	$C_2H_2Cl_2O_2$	22128-62-7	20	ppm
282	cis-1,2-Dichloroethene	$C_2H_2Cl_2$	156-59-2	200	ppm
283	Dichloromethane (Methylene chloride; Freon 30)	CH_2Cl_2	75-09-2	200	ppm
284	Dimethylcarbamyyl chloride (Dimethyl carbamic chloride)	C_3H_6ClNO	79-44-7	50	ppm
285	Diphosgene	$C_2Cl_4O_2$	503-38-8	20	ppm
286	Epichlorohydrin (Chloromethyloxirane)	C_3H_5ClO	106-89-8	200	ppm
287	Ethyl chloride	C_2H_5Cl	75-00-3	200	ppm
288	Ethyl chloroformate (Carbonochloridic acid ethyl ester; Cath)	$C_3H_5ClO_2$	541-41-3	50	ppm
289	Methyl chloride (Freon 40)	CH_3Cl	74-87-3	200	ppm
290	Methyl chloroacetate	$C_3H_5ClO_2$	96-34-4	50	ppm
291	Methyl chloroformate (Methyl chlorocarbonate)	$C_2H_3ClO_2$	79-22-1	50	ppm
292	Phosgene	$COCl_2$	75-44-5	50	ppm
293	Propyl chlorocarbonate (n-Propyl chloroformate)	$C_4H_7ClO_2$	109-61-5	50	ppm
294	Tetrachloroethylene	C_2Cl_4	127-18-4	50	ppm
295	trans-1,2-Dichloroethene	$C_2H_2Cl_2$	156-60-5	200	ppm
296	Trichloroethylene (Trichlorethene)	C_2HCl_3	79-01-6	100	ppm
297	Vinyl chloride (Chloroethene)	C_2H_3Cl	75-01-4	200	ppm
298	Vinylidene chloride (1,1-Dichloroethene)	$C_2H_2Cl_2$	75-35-4	100	ppm
Fluoro compounds (see also freons)					
299	(1E)-1,3,3,3-Tetrafluoro-1-propene (HFO-1234ze)	$C_3H_2F_4$	29118-24-9	50	ppm
300	Carbonyl difluoride	COF_2	353-50-4	50	ppm
301	Desflurane (1,2,2,2-tetrafluoroethyl difluoromethyl ether)	$C_3H_2F_6O$	57041-67-5	50	ppm
302	Ethyl fluoride (Fluoroethane, HFC-161)	C_2H_5F	353-36-6	100	ppm
303	Ethyl trifluoroacetate	$C_4H_5F_3O_2$	383-63-1	50	ppm
304	Fluorobenzene	C_6H_5F	462-06-6	50	ppm
305	Hexafluoropropylene (Perfluoropropene)	C_3F_6	116-15-4	50	ppm
306	Perfluoro-1,2-dimethylcyclohexane	C_8F_{16}	306-98-9	50	ppm
307	Perfluoro-1,3-dimethylcyclohexane	C_8F_{16}	335-27-3	50	ppm
308	Perfluoro-2-methylpentane	C_6F_{14}	355-04-4	20	ppm
309	Perfluoroheptane	C_7F_{16}	335-57-9	10	ppm
310	Perfluorohexane	C_6F_{14}	355-42-0	10	ppm
311	Sevoflurane [2,2,2-trifluoro-1-(trifluoromethyl) ethyl ether]	$C_4H_3F_7O$	28523-86-6	50	ppm
312	Tetrafluoroethylene (Perfluoroethylene)	C_2F_4	116-14-3	50	ppm
313	Trifluoroacetic acid	$C_2HF_3O_2$	76-05-1	50	ppm
Freons					
314	Freon 11 (Trichloromonofluoromethane)	CCl_3F	75-69-4	100	ppm
315	Freon 113 (1,1,2-Trichloro-1,2,2-trifluoroethane)	$C_2Cl_3F_3$	76-13-1	50	ppm
316	Freon 114 (1,2-Dichloro-1,1,2,2-tetrafluoroethane)	$C_2Cl_2F_4$	76-14-2	50	ppm
317	Freon 114 B2 (1,2-dibromo-1,1,2,2-tetrafluoroethane)	$C_2Br_2F_4$	124-73-2	50	ppm
318	Freon 116 (Hexafluoroethane)	C_2F_6	76-16-4	50	ppm
319	Freon 12 (Dichlorodifluoromethane)	CCl_2F_2	75-71-8	50	ppm
320	Freon 123 (1,1-Dichloro 2,2,2-trifluoroethane)	$C_2HCl_2F_3$	306-83-2	50	ppm
321	Freon 124 (1-Chloro-1,2,2,2-tetrafluoroethane)	C_2HClF_4	2837-89-0	50	ppm
322	Freon 125 (Pentafluoroethane)	C_2HF_5	354-33-6	50	ppm
323	Freon 133a (1-Chloro-2,2,2-trifluoroethane)	$C_2H_2ClF_3$	75-88-7	50	ppm
324	Freon 134a (1,1,1,2-Tetrafluoroethane)	$C_2H_2F_4$	811-97-2	50	ppm

325	Freon 13B1 (Bromotrifluoromethane; Halon 1301)	CBrF_3	75-63-8	50	ppm
326	Freon 14 (Carbon tetrafluoride)	CF_4	75-73-0	50	ppm
327	Freon 141b (1,1-Dichloro-1-fluoroethane)	$\text{C}_2\text{H}_3\text{Cl}_2\text{F}$	1717-00-6	100	ppm
328	Freon 142b (1-Chloro-1,1-difluoroethane)	$\text{C}_2\text{H}_3\text{ClF}_2$	75-68-3	50	ppm
329	Freon 143a (1,1,1-Trifluoroethane)	$\text{C}_2\text{H}_3\text{F}_3$	420-46-2	50	ppm
330	Freon 152a (Difluoroethane; Ethylidene Difluoride)	$\text{C}_2\text{H}_4\text{F}_2$	75-37-6	50	ppm
331	Freon 218 (Perfluoropropane)	C_3F_8	76-19-7	50	ppm
332	Freon 22 (Chlorodifluoromethane)	CHClF_2	75-45-6	50	ppm
333	Freon 23 (Trifluoromethane)	CHF_3	75-46-7	50	ppm
334	Freon 236fa (1,1,1,3,3,3-Hexafluoropropane; HFC-236fa)	$\text{C}_3\text{H}_2\text{F}_6$	690-39-1	50	ppm
335	Freon C318 (Octafluorocyclobutane)	C_4F_8	115-25-3	50	ppm
Other organic compounds					
336	Bromoethane (Ethyl bromide)	$\text{C}_2\text{H}_5\text{Br}$	74-96-4	100	ppm
337	Bromoform (Tribromomethane)	CHBr_3	75-25-2	100	ppm
338	Chloropicrin (Trichloronitromethane, Nitrochloroform)	CCl_3NO_2	76-06-2	20	ppm
339	Decamethylcyclopentasiloxane (D5)	$\text{C}_{10}\text{H}_{30}\text{O}_5\text{Si}_5$	541-02-6	50	ppm
340	Diisopropyl methanephosphonate (DIMP)	$\text{C}_7\text{H}_{17}\text{O}_3\text{P}$	1445-75-6	20	ppm
341	Dimethyldichlorosilane	$\text{C}_2\text{H}_6\text{Cl}_2\text{Si}$	75-78-5	50	ppm
342	Dimethyldiethoxysilane	$\text{C}_6\text{H}_{16}\text{O}_2\text{Si}$	78-62-6	50	ppm
343	Dimethyldimethoxysilane	$\text{C}_4\text{H}_{12}\text{O}_2\text{Si}$	1112-39-6	50	ppm
344	Dimethylvinylchlorosilane	$\text{C}_4\text{H}_9\text{ClSi}$	1719-58-0	50	ppm
345	Ethylene dibromide (1,2-Dibromoethane)	$\text{C}_2\text{H}_4\text{Br}_2$	106-93-4	50	ppm
346	Ethylmethyldichlorosilane	$\text{C}_3\text{H}_8\text{Cl}_2\text{Si}$	4525-44-4	50	ppm
347	Halothane (Freon 123B1, 2-Bromo-2-chloro-1,1,1-trifluoroethane)	$\text{C}_2\text{HBrClF}_3$	151-67-7	50	ppm
348	Hexamethyldisilazane [1,1,1-Trimethyl-N-(trimethylsilyl)-silazane]	$\text{C}_6\text{H}_{19}\text{NSi}_2$	999-97-3	50	ppm
349	Hexamethyldisiloxane (L2)	$\text{C}_6\text{H}_{18}\text{OSi}_2$	107-46-0	50	ppm
350	Isoflurane (1-Chloro-2,2,2-trifluoroethyl difluoromethyl ether)	$\text{C}_3\text{H}_2\text{ClF}_5\text{O}$	26675-46-7	50	ppm
351	Methyl bromide (Bromomethane)	CH_3Br	74-83-9	200	ppm
352	Methyldichlorosilane	$\text{CH}_4\text{Cl}_2\text{Si}$	75-54-7	50	ppm
353	Methyltrichlorosilane	$\text{CH}_3\text{Cl}_3\text{Si}$	75-79-6	50	ppm
354	Methylvinylchlorosilane	$\text{C}_3\text{H}_6\text{Cl}_2\text{Si}$	124-70-9	50	ppm
355	Perfluoro-2-n-butyltetrahydrofuran	$\text{C}_8\text{F}_{16}\text{O}$	335-36-4	10	ppm
356	Perfluoro-N-methylmorpholine	$\text{C}_5\text{F}_{11}\text{NO}$	382-28-5	50	ppm
357	Perfluorotriethylamine (Heptacosafuorotriethylamine, Fluorochemical FC-72)	$\text{C}_{12}\text{F}_{27}\text{N}$	311-89-7	10	ppm
358	Perfluorotripropylamine (Fluorinert FC-70)	$\text{C}_{15}\text{F}_{33}\text{N}$	338-84-1	10	ppm
359	Perfluorotripropylamine (Tri(perfluoropropyl)amine)	$\text{C}_9\text{F}_{21}\text{N}$	338-83-0	10	ppm
360	Phenylmethyldichlorosilane	$\text{C}_7\text{H}_8\text{Cl}_2\text{Si}$	149-74-6	50	ppm
361	Phenyltrichlorosilane	$\text{C}_6\text{H}_5\text{Cl}_3\text{Si}$	98-13-5	50	ppm
362	p-Nitrofluorobenzene (4-fluoronitrobenzene)	$\text{C}_6\text{H}_4\text{FNO}_2$	350-46-9	50	ppm
363	Propyltrichlorosilane	$\text{C}_3\text{H}_7\text{Cl}_3\text{Si}$	141-57-1	50	ppm
364	Tertiary Butyl Dimethyl Silyl alcohol (tert-Butyldimethylsilanol)	$\text{C}_6\text{H}_{16}\text{OSi}$	18173-64-3	100	ppm
365	Tetraethyl orthosilicate	$\text{C}_8\text{H}_{20}\text{O}_4\text{Si}$	78-10-4	50	ppm
366	Tetramethyl orthosilicate (Tetramethoxysilane)	$\text{C}_4\text{H}_{12}\text{O}_4\text{Si}$	681-84-5	50	ppm
367	Tetramethylsilane	$\text{C}_4\text{H}_{12}\text{Si}$	75-76-3	100	ppm
368	Thiophosgene	CCl_2S	463-71-8	50	ppm
369	Trichloromethanesulfonyl chloride	CCl_3S	594-42-3	200	ppm
370	Trimethoxysilane	$\text{C}_3\text{H}_{10}\text{O}_3\text{Si}$	2487-90-3	50	ppm
371	Trimethylchlorosilane	$\text{C}_3\text{H}_9\text{ClSi}$	75-77-4	50	ppm
372	Trimethylsilanol (Hydroxytrimethylsilane)	$\text{C}_3\text{H}_{10}\text{OSi}$	1066-40-6	100	ppm

373	Vinyl bromide (1-Bromoethene, Bromoethylene, R1140 B1)	C_2H_3Br	593-60-2	200	ppm
374	Vinyltrichlorosilane	$C_2H_3Cl_3Si$	75-94-5	50	ppm
Inorganic compounds					
375	Ammonia	NH_3	7664-41-7	50	ppm
376	Arsine	AsH_3	7784-42-1	50	ppm
377	Boron trifluoride	BF_3	7637-07-2	20	ppm
378	Diborane	B_2H_6	19287-45-7	100	ppm
379	Dichlorosilane	SiH_2Cl_2	4109-96-0	50	ppm
380	Germane	GeH_4	7782-65-2	50	ppm
381	Hydrogen bromide	HBr	10035-10-6	200	ppm
382	Hydrogen chloride	HCl	7647-01-0	50	ppm
383	Hydrogen fluoride	HF	7664-39-3	50	ppm
384	Nitrogen dioxide	NO_2	10102-44-0	50	ppm
385	Nitrogen monoxide (Nitric oxide)	NO	10102-43-9	200	ppm
386	Phosphine	PH_3	7803-51-2	50	ppm
387	Silane (Silicon tetrahydride)	SiH_4	7803-62-5	50	ppm
388	Silicon tetrachloride	$SiCl_4$	10026-04-7	200	ppm
389	Silicon tetrafluoride	SiF_4	7783-61-1	50	ppm
390	Sulfur dioxide	SO_2	7446-09-5	100	ppm
391	Sulfur hexafluoride	SF_6	2551-62-4	50	ppm
392	Sulfuryl fluoride	SO_2F_2	2699-79-8	50	ppm
393	Thionyl chloride	Cl_2OS	7719-09-7	100	ppm
394	Trichlorosilane	$SiHCl_3$	10025-78-2	50	ppm