

ACM 150 /ACM 100 Gas List



Chemical Name	Formula	Synonym	CAS Num.	ACM 150 LDL (ppm)	ACM 100 LDL (ppm)	Note
1,1,1-trichloroethane	CH3CCl3	methyl chloroform	71-55-6	0.5	1	
1,1,2-trichloroethane	C2H3Cl3	vinyl trichloride	79-00-5	3.5	8	
1,1,3,3-tetramethyl-1,3-disilacyclobutane	C6H16Si2	1,1,3,3-Tetramethyl-1,3-disilacyclobutane (Me2SiCH2)2	1627-98-1	0.2	0.4	
1,2-dichlorobenzene	C6H4Cl2	O-dichlorobenzene (ODCB)	95-50-1	3	6	
1,2-dichloroethylene, trans	C2H2Cl2	t-1,2-dichloroethylene, trans LC, 1,2-DCE	156-60-5	0.6	1	
1,2-dichloropropane	CH3CHClCH2Cl	alpha, beta-propylene dichloride, Dichloropropane, propylene dichloride	78-87-5	4.5	10	
1,3-butadiene	C4H6	vinyl ethylene	106-99-0	1	2	
1-Butyl alcohol	CH3(CH2)2CH2OH	n-butyl alcohol, Butanol	71-36-3	2	5	
2-(2-aminoethoxy)ethanol	H2NC2H4OC2H4OH	diethyleneglycol amine	929-06-6	3.5	8	
2-Ethoxyethanol	C4H10O2	Ethyl Cellosolve, Ethylene glycol ethyl ether, 2EE	110-80-5	0.6	1.5	
2-Ethoxyethylacetate	C6H12O3	Cellosolve acetate, EGMEA, 1-Acetoxy-2-ethoxyethane	111-15-9	0.5	1.3	
2-heptanone	C7H14O	methyl pentyl ketone	110-43-0	1	2	
2-methoxyethanol	C3H8O2	methyl cellosolve, CH3COOCH2CH2OCH2	109-86-4	2	4.4	
2-Methoxyethyl Acetate	C5H10O3	Methyl Cellosolve Acetate, EGMEA, CH3COOCH2CH2OCH3	110-49-6	1	1.9	
2-methoxyethyl ether	C6H14O3	diglyme	111-96-6	0.2	0.4	
2-pentanone	C5H10O	Methyl propyl ketone	107-87-9	3.6	5.4	
3-chloropivaloylchloride	ClCH2C(CH3)2COCl	3-chloro-2,2-dimethylpropionyl chloride	4300-97-4	1	2.3	
Acetaldehyde	C2H4O	ethyl aldehyde	75-07-0	5	11	
Acetic acid	C2H4O2	Ethanoic acid, Hydrogen acetate (Hac), vinegar	64-19-7	1	2	
Acetic Anhydride	(CH3CO)2O	Acetyl oxide, Acetyl acetate	108-24-7	0.5	1.3	
Acetone	(CH3)2CO	dimethyl ketone	67-64-1	2	4	
Acetonitrile	C2H3N	methyl cyanide	75-05-8	100	243	
Acetylene	C2H2	Ethine	74-86-2	1	2	as THC
Acrolein	C3H4O	aqualine, Alylaldehyde, propenal	107-02-8	3.5	8	
Acrylonitrile	CH2=CHCN C3H3N	2-Propenenitrile	107-13-1	3.5	8	
Arsine	AsH3	Hydrogen arsenide	7784-42-1	0.2	1	
Benzene	C6H6	Benzol, Pyrobenzol	71-43-2	1	2	
Benzyl alcohol	C7H8O	phenyl methanol	100-51-6	4	9.5	
BF3	BF3	Borontrifluoride	7637-07-02	RH dependent (0.7)	1.5	
Borontrichloride	BCl3	Borontrichloride	10294-34-5	RH dependent (0.5)	1	
Bromomethane	CH3Br	Methyl bromide, R-40B1	74-83-9	17	40	
Butane	C4H10	diethyl	106-97-8	10	24	
Butyl acetate	CH3COO[CH2]3CH3	n-Butyl acetate	123-86-4	0.3	0.5	
Butyl cellosolve acetate	C8-H16-O3	Ethylene glycol butyl ether acetate, 2-butoxyethanol acetate	112-07-2	0.6	1.4	
Butyrolactone	C4H6O2	4-butyrolactone	96-48-0	0.3	0.8	
Carbon dioxide	CO2	Carbon dioxide	124-38-9	0.6	1.5	
Carbon disulfide	CS2	Carbon bisulfide	75-15-0	4.5	10	
Carbon monoxide	CO	Carbon monoxide	630-08-0	3.6	8.5	

Chemical Name	Formula	Synonym	CAS Num.	ACM 150 LDL (ppm)	ACM 100 LDL (ppm)	Note
Carbontetrachloride	CCl4	carbontetrachloride	56-23-5	0.1	0.2	
Carbonyl fluoride	COF2		353-50-4	1.4	3	
Carbonyl Sulphide	COS	carbon oxide sulfide, carbon oxysulfide	463-58-1	0.2	0.5	
Chlorobenzene	C6H5Cl	Phenyl chloride	108-90-7	1.3	3	
Chlorodifluoromethane	CHClF2	R-22, HCFC-22	75-45-6	0.3	0.5	
Chloroform	CHCl3	Trichloromethane, R-20, Freon 20, TCM	67-66-3	0.2	0.5	
Chloromethane	CH3Cl	Methyl chloride, R-40, HCC-40	74-87-3	6	14	
Chlorotrifluoroethylene	C2ClF3	1-chloro-1,2,2-trifluoroethene, R-1113, Genetron 1113	79-38-9	0.4	1	
CVD-3000 (Silicon Carbide Precursor)				0.2	0.4	
Cyanogen	C2N2	(CN)2	460-19-5	16	30	
Cyclohexane	C6H12	Hexamethylene	110-82-7	0.2	0.5	as THC
Cyclohexanol	C6H12O	Hydralin	108-93-0	2	4.5	
Cyclohexanone	C6H10O, (CH2)5CO	Cyclohexanone	108-94-1	5	12	
Cyclopentanone	C5H8O	Ketocyclopentane	120-92-3	1.2	2.5	
Desflurane	C3H2F6O	Suprane	57041-67-5	0.2	1	
Diborane	B2H6	Boroethane	19287-45-7	0.2	1	
Dichloro(1,1)fluoro(1), ethane	CCl2FCH3	HCFC-141b	17-17-006	0.5	1.3	
Dichloroethane	C2H4Cl2	ethylene dichloride	156-60-2	0.8	2	
Dichlorofluoromethane (FC-21)	CHCl2F	R-21	75-43-4	0.6	1.5	
Dichloromethane	CH2Cl2	HCC 30, dichloromethane, Methylene chloride	75-09-2	0.6	1.5	
Dichloropentafluoropropane	C3HCl2F5	HCFC-225ca, cb, R225	127564-92-5	0.4	1	
Dichlorosilane	SiH2Cl2	Dichlorosilane, DCS	4109-96-0	RH dependent (0.2)	0.5	
Diethoxymethoxyranysilane	C7H16O3Si	DEOMORS		0.4	1	
Diethyl ether	(C2H5)2O	ethoxyethane, diethyl ether, ethoxyethane, Et2O	60-29-7	0.4	1	
Diethylamine	C4H11N	N-ethylethanamine	109-89-7	1.1	2.5	
Diethylene triamine	C4H13N3	DETA, Bis(2-aminoethyl)amine	111-40-0	-	-	
Diethyltelluride	(C2H5)2Te	(Ethyltellanyl)ethane	627-54-3	0.9	2	
Difluoromethane	CH2F2	HFC 32	75-10-5	0.3	0.5	
Dimethyl acetamide	C4H9NO	DMAC	127-19-5	2	4.5	
Dimethyl amine	C2H7N	DMA	124-40-3	3.5	8	
Dimethyl ether	(CH3)2O	methylether	115-10-6	1.4	3	
Dimethyl sulfoxide	C2H6OS	DMSO	67-68-5	1.7	4	
Dimethyldiethoxysilane	C6H16O2Si	Diethoxydimethylsilane, DMDEOS	78-62-6	0.3	0.7	
Dimethyldimethoxysilane	C4H12O2Si	Dimethoxydimethylsilane, DMDMOS	1112-39-6	0.3	0.7	
Dimethylformamide	HCON(CH3)2	DMFA, N,N-dimethylmethanamide	68-12-2	0.9	2	
Dimethylphenylsilane	C6H5-SiH-(CH3)2	(DIMETHYLSILYL)BENZENE	766-77-8	0.5	1	
Dimethylvinyl Disilazane	C8H19N4Si	Silanamine	7691-02-3	0.3	0.7	
Dimethylzinc	(CH3)2Zn	MTG MSDS 114	544-97-8	2	5	
Dioxane	C4H8O2	1,4-diethylene dioxide	123-91-1	0.5	1	
Dipropylamine	C6H15N	N-Propyl-1-propanamine	142-87-7	1.6	3.5	

Chemical Name	Formula	Synonym	CAS Num.	ACM 150 LDL (ppm)	ACM 100 LDL (ppm)	Note
d-Limonene	C10H16	1-methyl-4-(1-methylethenyl)-cyclohexene; 4-isopropenyl-1-methylcyclohexene; Racemic: DL-limonene; dipentene	5989-54-8	2	5	
DP-18 (5-Methyl-2-Hexanone + 2-pentanone)	-	-	-	-	-	
DP-43 (MIBK 23.4 + IPA 25.5 ppm)	-	-	-	-	-	
Enflurane	C3H2ClF5O	Ethrane, Efrane	13838-16-9	0.2	0.5	
Epichlorohydrin	ClCH2C2H3O	chloromethyloxirane	106-89-8	1.8	4	
Ethanol	C2H6O	ethyl alcohol	64-17-5	1.7	4	
Ethanolamine	NH2-C2H4OH	monoethanolamine	141-43-5	4	6	
Ethyl 3-ethoxypropionate	C7H14O3	Ethyl ester	763-69-9	0.7	1	
Ethyl acetate	CH3COOC2H5	acetic ether	141-78-6	0.25	0.5	
Ethyl amine	C2H7N	Monoethylamine, Aminoethane, 1-Aminoethane, Ethamine	75-04-7	2.5	7	
Ethyl benzene	C8H10	ethylbenzol, EB, Phenylethane	100-41-4	9	21	
Ethyl lactate	C5H10O3	lactic acid ethyl ester	97-64-3? 687-47-8	0.7	1	
Ethyl pyruvate	C5H8O3	Pyruvic acid ethyl ester, ethyl 2-oxopropanoate	617-35-6	1.5	3.5	
Ethylacrylate	C5H8O2	2-propenoic acid	140-88-5	0.4	1	
Ethylene	CH2=CH2	ethene	74-85-1	0.4	0.7	
Ethylene diamine	C2H8N2	1,2-Diaminoethane	107-15-3	-	-	
Ethylene dichloride	C2H4Cl2	dichloroethane	107-06-2	0.9	2	
Ethylene glycol	C2H6O2	1,2-dihydroxyethane	107-21-1	1.2	2	
Ethylene glycol monobutyl ether	C6H14=2	2-Butoxyethanol, Butyl Cellosolve Acetate	111-76-2	-	-	
Ethylene oxide	C2H4O	EO, EtO	75-21-8	1.3	3	
Ethylidene norbornene	C9H12	5-ethylidene-norbornene	16219-75-3	6	14	
Fluorinert FC3283	(C3F7)3N	Fluorinert FC3283, Perfluoritripropylamine	338-83-0	0.12	0.3	
Fluorinert FC-40	C21N2F48	Fluorinert FC-40, Perfluorotri-n-butylamine mix with Perfluoro-n-dibutylmethylamine	51142-49-5	0.05	0.1	
Fluorinert FC-77	(C8F18)n.(C8F16O)m	Perfluoro-compound C5-18 (avg MW 415), ETHYL NONAFLUOROBUTYL ETHER, Hydrofluoroether	86508-42-1, 52623-00-4	0.3	0.7	
Fluoromethane	CH3F	Methyl fluoride, R41	593-53-3	0.5	2	
Formaldehyde	HCHO	methanal, methyl aldehyde	50-00-0	1.5	3.5	
Formamide	HCONH2	methanamide	75-12-7	12	26	
Freon 11	CFCl3	Trichlorofluoromethane, fluorotrichlorometane	75-69-4	0.07	0.2	
Freon 113/TF	CF3CCl3	Freon-TF, 1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.3	0.6	
Freon 114	C2Cl2F4	1,2-dichlorotetrafluoroethane	76-14-2	0.3	0.8	
Freon 116	C2F6	Hexafluoroethane	76-16-4	0.2	0.3	
Freon 12	CF2Cl2	dichlorodifluoromethane	75-71-8	0.25	0.6	
Freon 13	CClF3	Chlorotrifluoromethane	75-72-9	0.1	0.25	
Freon 134a	C2H2F4	1,1,1,2-tetrafluoroethane, tetrafluoroethane, HFC-134a, R-134a	811-97-2	0.2	0.3	
Freon 13B1	CF3Br	Trifluorobromoethane (R13B1)	75-63-8	0.15	0.3	
Freon 14	CF4	Carbon tetrafluoride	75-73-0	0.03	0.2/0.05	
Freon 23	CHF3	trifluoromethane, fluoroform	75-46-7	0.1	0.2	
Freon Fluorinert	-	Coolant Liquid, FC-77 (C4F14), FC-75 (perfluorodecalin)	-	-	-	

Chemical Name	Formula	Synonym	CAS Num.	ACM 150 LDL (ppm)	ACM 100 LDL (ppm)	Note
Freon Galden	-	perfluoropolyether (PFPE)	-	-	-	
Galden HT110	CF3-[(OCFCF3CF2)n-(OCF2)m]-OCF3	Propene, 1,1,2,3,3,3-hexafluoro, oxidized, polymerized	69991-67-9	0.25	0.5	
Galden HT-200	CF3-[(OCFCF3CF2)n-(OCF2)m]-OCF3	Galden HT200, 1,1,2,3,3,3-hexafluoro propene, oxidized, polymerized	6991-67-9	0.09	0.2	
Galden HT70	CF3-[(OCFCF3CF2)n-(OCF2)m]-OCF3	Propene, 1,1,2,3,3,3-hexafluoro, oxidized, polymerized	69991-67-9	0.25	0.6	
Germane	GeH4	Germanium tetrahydride	7782-65-2	0.2	0.5	
Glutaraldehyde	C5H8O2	Pentane-1,5-dial, Pentanedial, Glutaric aldehyde	111-30-8	2.5	5	
Halothane	C2HBrClF3	Fluthane	151-67-7	0.3	0.6	
HCFC-225ca	C3HF5Cl2	Dichloropentafluoropropane	422-56-0	0.9	2	
HCFC-225cb	C3HF5Cl2	Dichloropentafluoropropane	507-55-1	0.6	1.5	
Hexafluoro-1,3-butadiene	C4F6	hexafluorobutadiene	685-63-2	0.2	0.5	
Hexafluorobenzene	C6F6	perfluorobenzene	392-56-3	0.2	0.5	
Hexafluoropropylene	C3F6	Hexafluoropropene, Perfluoropropene, FC-1216	116-15-4	0.3	0.7	
Hexahydrophthalic anhydride	C8H10O13	Cyclohexanedicarboxylic anhydride	85-42-7	2.5	6	
Hexamethyl diamine	C6H16N2	Hexamethylenediamine, Hexane-1,6-diamine	124-09-4	2	4.5	
Hexamethyldisilane	C6H18Si2	Permethylsilane	1450-14-2	0.3	0.7	
Hexanes	C6H14	mixed C6 isomers	73513-42-5	0.6	1.5	as THC
HFE71	C5F9OH3	Methoxy-nonafluorobutane	163702-08-7 / 163702-07-6	2	4.8	
HFE-7200	C4F9OC2H5	ethoxy-nonafluorobutane	163702-06-5 / 163702-05-4	0.3	0.7	
HMDS	(CH3)3SiNHSi(CH3)3	Hexamethyldisilazane, Bis(trimethylsilyl)amine	999-97-3	RH dependent (0.5)	1	
HNO3 (NO, NO2, N2O)	-	nitric acid	7697-37-2	-	-	
Hydrazine	N2H4	Diazane	302-01-2	-	-	
Hydrogen bromide	HBr	HBr	10035-10-6	RH dependent (4)	4	
Hydrogen chloride	HCl	Hydrogen chloride, Chlorane, Chlorohydric acid	7647-01-0	RH dependent (3)	3	
Hydrogen cyanide	HCN	hydrocyanic acid	74-90-8	RH dependent (1.5)	2	
Hydrogen fluoride	HF	HF	7664-39-3	RH dependent (1.5)	2	
Hydrogen peroxide	H2O2	dilute hydrogen peroxide	7782-24-1	-	-	
Hydrogen selenide	H2Se	selenium hydride	7783-07-5	-	-	
Hydrogen sulfide	H2S	Hydrogen Sulfide, Sulfane	7783-06-4	-	Approx. 300	
Hydroxylamine	NH2OH	Hydroxylamine, Azanol, Oxammonium, H3NO	7803-49-8	?	5	
Iron pentacarbonyl	Fe(CO)5	iron carbonyl	13463-40-6	-	-	
Isoflurane	C3H2ClF5O	Forane	26675-46-7	0.3	0.6	
Isopropyl acetate	CH3COOCH(CH3)2	Isopropyl ethanoate, 2-propyl acetate	108-21-4	0.2	0.5	
Isopropyl alcohol	CH3CHOHCH3	isopropanol, 2-propanol	67-63-0	2.5	6	
Isopropyl amine	C3H9N	Propan-2-amine, 2-propylamine	75-31-0	1.7	4	
Kerosene	-	Kerosine, paraffin, fuel oil No 5	8008-20-6	0.5	1	
Methane	CH4	Methyl hydride, biogas	74-82-8	3	5	
Methanol	CH3OH	methyl alcohol	67-56-1	1	2	
Methyl 3-methoxyacrylate	C5H8O3	Methyl Trans-3-Methoxyacrylate	5788-17-0	0.4	1	

Chemical Name	Formula	Synonym	CAS Num.	ACM 150 LDL (ppm)	ACM 100 LDL (ppm)	Note
Methyl 3-methoxypropionate	C5H10O3	3-methoxy-propanoic acid methyl ester	3852-09-3	0.6	1.5	
Methyl acrylate	C4H6O2	methyl acrylate, methyl propenoate	96-33-3	0.4	1	
Methyl amine	CH3NH2	Aminomethane, Methanamine, MMA	74-89-5	1.7	4	
Methyl ethyl ketone	C4H8O	2-butanone, MEK	78-93-3	2	5	
Methyl isobutyl ketone	CH3COCH2CH(CH3)2	4-methyl-2-pentanone	108-10-1	2	5	
Methyl silane	CH6Si	Methylsilane, 1MS	992-94-9	0.5	1	
Methyldiethoxysilane	C5H14O2Si	Diethoxymethylsilane, dems	2031-62-1	0.3	0.7	
Methyldimethoxysilane	C3H9-O2Si	Dimethoxydimethylsilane, DMDMOS	16881-77-9	0.15	0.35	
Methylethanol amine	C3H9NO	2-Methylaminoethanol	109-63-1	4	10	
Methylmethacrylate	C5H8O2	2-Methyl-2-propenoic acid methyl ester	80-62-6	-	-	
Methyl-t-butylether	C5H12O	MTBE	1634-04-4	0.7	1.7	
Methyltriethoxysilane	C7H18O3Si	Trimethoxy(ethyl)silane	2031-67-6	0.2	0.5	
Methyltrimethoxysilane	C4H12O3Si	Trimethoxy(methyl)silane	1185-55-3	0.2	0.5	
Micronox (fromKyzen)	mixture			-	-	
m-xylene	C8H10	1,3-dimethylbenzene	108-38-3	2	5	as THC
Ammonia	NH3	ammonia	7664-41-7	0.6	1.5	
n-hexane	C6H14	n-Hexane	110-54-3	0.5	1.2	
Nitrogen trifluoride	NF3	NF3	7783-54-2	0.2	0.5	
Nitrous oxide	N2O	Nitrous oxide, Laughing gas	10024-97-2	0.3	0.5	
n-methylpyrrolidinone	C5H9NO	N-Methyl-2-pyrrolidone , NMP, 1-methyl-2-pyrrolidinone	872-50-4	4	9	
NO	NO	Nitric oxide	10102-43-9	4	7	under water
NO2	NO2	Nitrogen dioxide	10102-44-0	0.5	1	under water
Octafluorocyclobutane	C4F8	RC318	115-25-3	1	2	
Octafluorocyclopentene	C5F8	Perfluorocyclopentene	549-40-0	0.4	0.4	
Octafluoropropane	C3F8	Perfluoropropane, R-218	76-19-7	0.05	0.1	
Octamethylcyclotetrasiloxane	C8H24O4Si4	Cyclotetrasiloxane	556-67-2	0.1	0.2	
Octane	C8H18	n-Octane, CH3(CH2)6CH3	111-65-9	0.5	1	as THC
OF2	OF2	Difluorine monoxide	7783-41-7	2	4.5	
o-xylene	C8H10	1,2 - Dimethylbenzene	95-47-6	0.5	1	as THC
Ozone	O3	Trixygen	10028-15-6	1	2	
PBr3	PBr3	Phosphorus tribromide	7789-60-8	-	-	
Pentane	C5H12	n-Pentane,	109-66-0	0.6	1.5	as THC
Pentanol	C5H12O	1 - pentanol	71-41-0	2	5	
Perchloroethylene	C2Cl4	tetrachloroethylene	000127-18-4	0.3	0.7	
Perfluorohexane	C6F14	Tetradecafluorohexane, Fluorinert FC72 , FC-72	355-42-0	0.6	1.5	
Perfluoropropylvinylether	C5F10O	PPVE	1623-05-8	0.2	0.5	
Petroleum ether	C7H7BrMg	Petroleum Spirits, Benzine, VM&P Naphtha	8032-32-4	0.5	1	as THC
Phenol	C6H5OH	Phenol, carboic acid, phenic acid	108-95-2	4	9	
Phosgene	COCl2	Carbonyl dichloride, CG; carbon dichloride oxide; carbon oxychloride	75-44-5	0.15	0.3	
Phosphine	PH3	PH3	7803-51-2	3	6	under CO2

Chemical Name	Formula	Synonym	CAS Num.	ACM 150 LDL (ppm)	ACM 100 LDL (ppm)	Note
Pinene, beta	C10H16	β -pinene, 6,6-dimethyl- 2-methylenebicyclo [3.1.1] heptane, 2(10)-pinene, nopinene, pseudopinene	18172-67-3	1.5	3.5	
POCl3	POCl3	Trichlorophosphorus oxide	10025-87-3	RH dependent (0.2)	0.3	
Propane	C3H8	Propane gas	74-98-6	0.7	1.7	as THC
Propylene	C3H6	propene	115-07-1	2	5	
Propylene glycol	β C3H8O2	Methyl glycol	57-55-6	-	-	
Propylene glycol monomethyl ether	C4H10O2	1-methoxy-2-propanol	107-98-2	1	1.5	
Propyleneglycol monomethylether acetate	CH3CO2CH(CH3)CH2OCH3	1-methoxy-2-propyl acetate, PM acetate, PGMEA,	108-65-6	0.5	1	
R-123	C2HF3Cl2	Dichlorotrifluoroethane	306-83-2	0.3	0.6	
Sevoflurane	C4H3F7O	Ultane	28523-86-6	0.3	0.6	
SF6	SF6	Sulfur hexafluoride	2551-62-4	0.3/0.03	0.5/0.06	
SiCl4	SiCl4	Tetrachlorsilan	10026-04-7	RH dependent (0.3)	1	
SiF4	SiF4	Silicon tetrafluoride	7783-61-1	RH dependent (0.2)	0.5	
Silane	SiH4	Silicon tetrahydride	7803-62-5	0.1	0.5	
Stoddard solvent	-	-	-	-	-	
Styrene	C8H8	Styrol	100-42-5	2	4	
Sulfur dioxide	SO2	Bisulfite	7746-09-5	RH dependent (1.5)	3	
t-1,2-dichloroethylene	C2H2Cl2	dichloroethylene, Trans-LC	150-60-5	0.6	1	
TEOS	C8H20O4Si	Tetraethyl orthosilicate	78-10-4	RH dependent (2)	2	
Terpinene, alpha	C10H16	1,3-Cyclohexadiene	99-86-5	2	4	
Tert-Butylamine	C4H11N	2-methylpropan-2-amine, (CH3)3CNH2	75-64-9	0.6	1.5	
Tetraethyleneglycol diacrylate	C4H22O7	TETRAETHYLENE GLYCOL DIACRYLATE;POLYETHYLENE GLYCOL 200	17831-71-9	0.9	2	
Tetrafluoroethylene	C2F4	perfluoroethylene	116-14-3	0.25	0.6	
Tetrahydrofuran	C4H8O	THF	109-99-9	1.5	3.5	
Tetrahydrofuran alcohol	C5H10O2	THFA,	97-99-4	2.5	5.5	
Tetrakis(dimethylamido) titanium,(dimethylamine)	C8H24N4Ti	Dimethyl[tris(dimethylamino)titanio]amine	3275-24-9	RH dependent (1.5)	3	
Tetrakis(trifluorophosphorus)nickel	Ni(PF3)4	NITFP	13859-65-9	0.04	0.1	
Tetramethyl cyclotetrasiloxane	(HSiCH3O)4	TMCTS	2370-88-9	0.08	0.2	
Tetramethyl silane	(CH3)4Si	TMS	75-76-3	0.1	0.3	
Tetramethylammonium hydroxide	(CH3)4NOH	TMAH	75-59-2	0.5	1	
Tetramethylene sulfone	C4H8O2S	sulfolane,	126-33-0	0.5	1	
Toluene	C7H8	Toluene	108-88-3	1	2	as THC
Trichloroethylene	C2HCl3	TCE, trichloroethene,	79-01-6	0.9	2	
Triethyl borate	(C2H5O)3B	Triethoxyborine	150-46-9	0.5	1	
Triethyl phosphate	(CH3CH2)3PO4	TEP	78-40-0	0.2	0.5	
Triethylamine	(C2H5)3N	TEN	121-44-8	1.8	4	
Triethylarsenate	(C2H5O)3AsO	TEAsat, TEAS	15606-95-8	-	-	*Note
Triethylene tetramine	C6H18N4	TETA, N,N'-bis(2-aminoethyl)ethane-1,2-diamine, Trientine	112-24-3	-	-	
Trimethyl amine	N(CH3)3	N,N-Dimethylmethyllamine	75-50-3	2.5	6	
Trimethyl benzene	C9H12	1,2,4-Trimethylbenzene	95-63-6	-	-	
Trimethyl borate	(CH3O)3B	trimethoxyborane	121-43-7	0.5	1	

Chemical Name	Formula	Synonym	CAS Num.	ACM 150 LDL (ppm)	ACM 100 LDL (ppm)	Note
Trimethyl phosphate	(CH ₃) ₃ PO ₄	TMP, phosphoric acid trimethyl ester, methyl phosphate	512-56-1	0.3	0.7	
Trimethyl phosphite	(CH ₃ O) ₃ P	TMP	121-45-9	0.1	0.3	
Trimethyl silane	C ₃ H ₁₀ Si	3MS	993-07-7	0.4	0.8	
Trimethylarsine	As(CH ₃) ₃	AsMe ₃ , TMAs	593-88-4	4.5	10	
Trimethylboron	B(CH ₃) ₃	trimethylborane, trimethylborine	593-90-8	1.8	4	
Trimethylmethoxy silane	C ₄ H ₁₂ O ₂ Si	Methoxytrimethylsilane	1825-61-2	0.35	1	
Trimethylsilylacetylene	C ₅ H ₁₀ Si	TMSA, Ethynyltrimethylsilane	1066-54-2	0.3	0.7	
Trimethylsilylacetylene, bis	C ₂ (Si(CH ₃) ₃) ₂	BTMSA, Bis(trimethylsilyl)acetylene	14630-40-1	0.25	0.5	
Trimethylsilylimidazole	C ₆ H ₁₂ N ₂ Si	TMSI, TMS-Imidazol	18156-74-6	3	7	
Trimethylvinylsilane (TMVS)	(CH ₃) ₃ SiCHCH ₂	TMVS	754-05-2	0.7	1.5	
Vinyl acetate	C ₄ H ₆ O ₂	acetic acid ethenyl ester	108-05-4	0.2	0.4	
Vinyl chloride	C ₂ H ₃ Cl	VCM	75-01-4	2	4	
VinylmethyldiEthoxysilane	C ₇ H ₁₆ O ₂ Si	Methylvinyl-diethoxysilane, Diethoxymethylvinylsilane	5507-44-8	0.25	0.6	
VinylmethyldiMethoxysilane	C ₅ H ₁₂ O ₂ Si	DIMETHOXYMETHYLVINYL-SILANE; METHYLVINYL-DIMETHOXY-SILANE,	16753-62-1	0.2	0.4	
Vinylphenylmethylsilane	(CH ₂ =CH)-SiH-(CH ₃)(C ₆ H ₅)	Methylvinylphenylsilane; VINYLPHENYL-METHYL-SILANE	17875-39-6	0.3	0.75	
Xylenes	C ₆ H ₄ (CH ₃) ₂	Xylol	1330-20-7	1.4	3	as THC

Legend: *Note: spc was made with methanol mixture. TEAs peak did not shown.
As THC: detect as total hydro carbons (THC) as spectra are in common total hydrocarbon IR region
Under Water: As Spectra peaks are under water spectra, LDL and detection levels are influenced by water/moisture level in the application
Under CO₂: As Spectra peaks are under CO₂ spectra, LDL and detection levels are influenced by CO₂ level in the application