

Messungen Prüfkammer

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Vergleich der zu messenden Substanzen



CAS	Name Substanz	w_RW_hv	CAS	Name Substanz	w_RW_hv
Alkane		[µg/m ³]	589-81-1	3-Methylheptan	
			Cycloalkane		[µg/m ³]
110-54-3	n-Hexan	70,0000	110-82-7	Cyclohexan	200,0000
142-82-5	n-Heptan	200,0000	96-37-7	Methylcyclopentan	200,0000
111-65-9	n-Oktan	200,0000	108-87-2	Methylcyclohexan	200,0000
111-84-2	n-Nonan	200,0000	111-66-0	1-Octen	200,0000
124-18-5	n-Decan	200,0000	872-05-9	1-Decen	200,0000
1120-21-4	n-Undecan	200,0000	7756-94-7	trimeres Isobuten I + II	1,0000
112-40-3	n-Dodecan	200,0000	100-40-3	4-Vinylcyclohexen	
629-50-5	n-Tridecan	200,0000	4994-16-5	4-Phenylcyclohexen	1,0000
629-59-4	n-Tetradecan	200,0000	77-56-947	2-Methyl-1-Propen trimer	
629-62-9	n-Pentadecan	200,0000	Aromaten		[µg/m ³]
544-76-3	n-Hexadecan	200,0000	71-43-2	Benzol	2,5000
629-78-7	n-Heptadecan	1,0000	108-88-3	Toluol	75,0000
107-83-5	2-Methylpentan	200,0000	100-41-4	Ethylbenzol	300,0000
96-14-0	3-Methylpentan	200,0000	1330-20-7	m,p-Xylol	200,0000
13475-82-6	2,2,4,6,6-Pentamethylheptan		95-47-6	o-Xylol	200,0000
77-56-947	Triisobutylen	10,0000			
592-27-8	2-Methylheptan				

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103-65-1	n-Propylbenzol	300,0000	Halogenkohlenwasserstoffe		[µg/m ³]
98-82-8	Isopropylbenzol	300,0000			
611-14-3	2-Ethyltoluol	200,0000	56-23-5	Tetrachlormethan	40,0000
620-14-4	3-Ethyltoluol		71-55-6	1,1,1-Trichlorethan	5,0000
526-73-8	1,2,3-Trimethylbenzol	300,0000	79-01-6	Trichlorethen (Tri)	5,0000
95-63-6	1,2,4-Trimethylbenzol	100,0000	127-18-4	Tetrachlorethen (Per)	5,0000
108-67-8	1,3,5-Trimethylbenzol	100,0000	106-46-7	1,4-Dichlorbenzol	5,0000
95-93-2	1,2,4,5-Tetramethylbenzol	200,0000	108-90-7	Chlorbenzol	1,0000
104-51-8	n-Butylbenzol	300,0000	91-58-7	2-Chlornaphthalin	5,0000
99-62-7	1,3-Diisopropylbenzol	200,0000	90-13-1	1-Chlornaphthalin	5,0000
100-18-5	1,4-Diisopropylbenzol	300,0000	67-66-3	Trichlormethan	0,0044
91-20-3	Naphthalin	4,0000	630-20-6	1,1,1,2-Tetrachlorethan	1,0000
100-42-5	Styrol	10,0000	79-34-5	1,1,2,2-Tetrachlorethan	
108-95-2	Phenol	10,0000	Alkohole		[µg/m ³]
106-42-3	p-Xylol	200,0000			
128-37-0	2,6-Di-tert.-butyl-4-methyl-phenol (BHT)	100,0000	67-63-0	2-Propanol (Isopropanol)	200,0000
31017-40-0	Phenylcyclohexen	5,0000	71-36-3	1-Butanol	200,0000
108-38-3	m-Xylol	200,0000	78-83-1	Isobutanol (2-Methyl-1-propanol)	200,0000
637-50-3	1-Propenylbenzol	2.400,0000	71-41-0	1-Pentanol	730,0000
527-84-4	1-Isopropyl-2-methylbenzol (o-Cymol)	1.100,0000	111-27-3	1-Hexanol	1.500,0000
535-77-3	1-Isopropyl-3-methylbenzol (m-Cymol)	1.100,0000	104-76-7	2-Ethyl-1-Hexanol	50,0000
99-87-6	1-Isopropyl-4-methylbenzol (m-Cymol)	1.100,0000	100-51-6	Benzylalkohol	100,0000
2189-60-8	Phenyloctan und Isomere	200,0000	64-17-5	Ethanol	9.600,0000
104-72-3	1-Phenyldecan und Isomere	200,0000	71-23-8	1-Propanol	2.400,0000
6742-54-7	1-Phenylundecan und Isomere	200,0000	67-63-0	2-Propanol	3.200,0000
536-74-3	Phenylacetylen	250,0000	75-65-0	tert-Butanol, 2-Methylpropanol-2	
98-83-9	2-Phenylpropen	2.500,0000	108-93-0	Cyclohexanol	
25013-15-4	Vinyltoluol (alle Isomeren: o-, m-, p-Methylstyrole)	2.400,0000	111-87-5	1-Octanol	1.100,0000
95-13-6	Inden	450,0000	123-42-2	4-Hydroxy-4-methyl-pentan- 2-on (Diacetonalkohol)	960,0000
611-14-3	1-Ethyl-2-methylbenzol	200,0000			

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Terpene		[µg/m3]	96-17-3	Butyraldehyd	20,0000
			78-84-2	Isobutyraldehyd	
80-56-8	alpha-Pinen	200,0000	590-86-3	Isolvaleraldehyd	20,0000
127-91-3	beta-Pinen	200,0000	110-62-3	Valeraldehyd	20,0000
138-86-3	Limonen	200,0000	5779-94-2	2.5-Dimethylbenzaldehyd	
507-70-0	Borneol		78-84-2	2-methyl-1-Propanal	
475-20-7	Longifolen		96-17-3	2-Methyl-1-Butanal	
13466-78-9	delta-3-Caren	50,0000	80-54-6	2-(4-tert-Butylbenzyl)propionaldehyd	
1137-12-8	Longicyclen		529-20-4	o-Tolualdehyd	
98-55-5	alpha-Terpineol		620-23-5	m-Tolualdehyd	
Aldehyde		[µg/m3]	104-87-0	p-Tolualdehyd	
			3913-71-1	2-Decenal	2,0000
50-00-0	Formaldehyd	40,0000	123-05-7	2-Ethylhexanal	
75-07-0	Acetaldehyd	140,0000	1576-87-0	2-Pentenal	10,0000
107-02-8	Acrolein	5,0000	16635-54-4	2-Hexenal	10,0000
67-64-1	Propanon (Aceton)	30.900,0000	2463-63-0	2-Heptenal	
123-38-6	Propanal	20,0000	2363-89-5	2-Octenal	10,0000
98-01-1	Furfural		2463-53-8	2-Nonenal	10,0000
123-72-8	n-Butanal	10,0000	3913-71-1	(E)-2-decenal	10,0000
100-52-7	Benzaldehyd	50,0000	2463-77-6	2-Undecenal	10,0000
110-62-3	n-Pentanal	20,0000	Ketone		[µg/m3]
563-80-4	3-Methyl-2-Butanon	7.000,0000	78-93-3	2-Butanon (Methylethylketon MEK)	200,0000
590-86-3	3-Methyl-Butanal		108-10-1	4-Methyl-2-pentanon (Methylisobutylketon MIBK)	200,0000
66-25-1	n-Hexanal	60,0000	98-86-2	Acetophenon	50,0000
111-71-7	n-Heptanal	20,0000	108-94-1	Cyclohexanon	200,0000
124-13-0	n-Octanal	10,0000	872-50-4	N-Methyl-Pyrrolidon	40,0000
124-19-6	n-Nonanal	20,0000	67-64-1	Aceton	30.900,0000
112-31-2	n-Decanal	10,0000	120-92-3	Cyclopentanon	900,0000
111-30-8	Gluteraldehyd (Pentandial)	0,0800			
4170-30-3	Crotonaldehyd	1,0000			
78-85-3	Methacrolein	5,0000			

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1120-72-5	2-Methylcyclopentanon	1.000,0000	124-17-4	etheracetat (DEG MBA)	850,0000
583-60-8	2-Methylcyclohexanon	2.300,0000	6846-50-0	TXIB (2,2,4-Trimethyl-1,3-pentandiol-diisobutyrat)	150,0000
116-09-6	1-Hydroxyacetone (1-Hydroxy-2-propanon)		25265-77-4	Texanol	150,0000
Duftstoffe		[µg/m ³]	106-65-0	Dimethylsuccinat	2.700,0000
106-22-9	Citronellol		1119-40-0	Dimethylglutarat	2.700,0000
80-54-6	2-(4-tert-Butylbenzyl)propionaldehyd		627-93-0	Dimethyladipat	
127-42-4	Alpha-Methyl-Ionon		105-76-0	Dibutylmaleinat	
104-55-2	alpha-Amyl-Zimtaldehyd		131-11-3	Dimethylphthalat	50,0000
101-86-0	Alpha-Hexyl-Zimtaldehyd		7397-62-8	Glykolsäurebutylester (Hydroxyessigsäurebutylester)	550,0000
118-58-1	Benzylsalicylat		112-59-4	2-(2-Hexoxyethoxy)-ethanol	670,0000
78-70-6	Linalool		111-96-6	1-Methoxy-2-(2-methoxyethoxy)-ethan	27,0000
Ester ein- und zweiwertiger Alkohole		[µg/m ³]	1589-47-5	2-Methoxy-1-propanol	
141-78-6	Ethylacetat	200,0000	70657-70-4	2-Methoxy-1-propylacetat	28,0000
109-60-4	n-Propylacetat	4.200,0000	623-84-7	Propylenglykoldiacetat	670,0000
108-21-4	Isopropylacetat	200,0000	110-98-5	Dipropylenglykol (1,1'-oxydipropan-2-ol)	440,0000
123-86-4	n-Butylacetat	200,0000	25265-71-8	Dipropylenglykol (oxydipropanol)	440,0000
110-19-0	Isobutylacetat	4.800,0000	79-20-9	Methylacetat	610.000,0000
592-84-7	Ameisensäurebutylester (n-Butylformiat)		141-78-6	Ethylacetat	1.440.000,0000
96-33-3	Acrylsäuremethylester (Methylacrylat)	180,0000	108-05-4	Vinylacetat	
140-88-5	Acrylsäureethylester (Ethylacrylat)	200,0000	103-09-3	2-Ethylhexylacetat	
141-32-2	Acrylsäurebutylester (Butylacrylat)	110,0000	105-75-9	Fumarsäuredibutylester	1.500,0000
80-62-6	Methacrylsäuremethylester (Methylmethacrylat)	52,0000	103-11-7	2-Ethylhexylacrylat	
110-49-6	etheracetat (EGMMA, 2-Methoxyethylacetat)	25,0000	29911-27-1	Dipropylenglykol-mono-n-propylether	670,0000
111-15-9	etheracetat (EGMEA, 2-Ethoxyethylacetat)	27,0000	13048-33-4	Hexandioldiacrylat	10,0000
112-07-2	etheracetat (EGMBA, 2-Butoxyethylacetat)		96-48-0	Butyrolacton	1.760,0000
108-65-6	etheracetat (MPA, PGMMA, 1-Methoxy-2-propylacetat)	200,0000	Mehrwertige Alkohole und deren Ether (Glykol und Glykolether)		[µg/m ³]
88917-22-0	etheracetat (DPG MMA)	3.100,0000	57-55-6	1,2-Propylenglykol	30,0000
			109-86-4	2-Methoxyethanol	15,0000

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110-80-5	2-Ethoxyethanol	19,0000	Säuren		[µg/m3]
111-76-2	2-Butoxyethanol	200,0000	64-19-7	Essigsäure	250,0000
122-99-6	2-Phenoxyethanol	200,0000	79-09-4	Propionsäure	
111-90-0	Diethylenglykolmonoethylther (DEGME, Ethyldiglykol)	350,0000	79-31-2	Isobuttersäure	310,0000
112-34-5	Diethylenglykolmonobutylether (DEGMB, Butyldiglykol)	200,0000	107-92-6	Buttersäure	310,0000
107-98-2	1-Methoxy-2-propanol	200,0000	75-98-9	Pivalinsäure	310,0000
34590-94-8	Dipropylenglykolmonomethylther (DPGMM)		109-52-4	n-Valeriansäure	310,0000
29911-28-2	Dipropylenglykol-mono-n-butylether	670,0000	142-62-1	n-Caprinsäure	310,0000
107-21-1	Ethylenglykol (Ethandiol)	260,0000	111-14-8	n-Heptansäure	310,0000
111-46-6	Diethylenglykol	440,0000	124-07-2	n-Octansäure	
2807-30-9	2-Propoxyethanol	450,0000	149-57-5	2-Ethylhexansäure	5,0000
109-59-1	2-Methylethoxyethanol	220,0000	Sonstige Verbindungen		[µg/m3]
112-25-4	2-Hexoxyethanol	980,0000		Lösemittelgemisch	
110-71-4	1,2-Dimethoxyethan	20,0000	3777-69-3	2-Pentylfuran	200,0000
73506-93-1	1,2-Diethoxyethan	25,0000	123-91-1	1,4-Dioxan	73,0000
35884-42-5	(2-butoxymethylethoxy)propanol	670,0000	109-99-9	Tetrahydrofuran (THF)	200,0000
132739-31	Dipropylenglykol-mono-t-butylether		105-60-2	Caprolactam	50,0000
110-63-4	1,4-Butandiol	2.000,0000	100-97-0	Methenamin	23,0000
20324-33-8	Tripropylenglykol-monomethylether	1.000,0000	126-73-8	Tributylphosphat	2,0000
25498-49-1	Tripropylenglykol-monomethylether	1.000,0000	78-40-0	Triethylphosphat	25,0000
112-49-2	Triethylenglykol-dimethylether	20,0000	26172-55-4	5-Chlor-2-methyl-4-isothiazolin-3-on (CIT)	1,0000
7778-85-0	1,2-Propylenglykol-dimethylether	20,0000	2682-20-4	2-Methyl-4-isothiazolin-3-on (MIT)	1,0000
89399-28-0	Dipropylenglykol-dimethylether	1.300,0000	121-44-8	Triethylamin	42,0000
96-49-1	Ethylencarbonat	370,0000	Fettsäuren		[µg/m3]
Siloxane		[µg/m3]	142-62-1	Hexansäure	310,0000
556-67-2	Octamethyltetracyclosiloxan (D4)	1.200,0000			
541-02-6	Decamethylpentacyclosiloxan (D5)	300,0000			[µg/m3]
96-29-7	2-Butanoxim	20,0000			