

NO	FLAVOUR	COMPOUND		DESCRIPTION	CONCENTRATION*	ODOUR THRESHOLD
101	Bromophenol	2-Bromophenol		musty, stale, like old TV set	15 µg/L	50 ng/L
102	Methional	3-(Methylthio)propanal		mashed potato	17 µg/L	0,2 µg/L
103	Tribromoanisole	2.4.6-Tribromoanisole		like corked wine, musty	500 ng/L***	10 ng/L
104	Methylisoborneol	2-Methylisoborneol		earthy, peaty, like compost, mouldy	300 ng/L***	85 ng/L
105	Geosmin	Geosmin		moist soil, beetroot	80 ng/L***	10 ng/L
106	Trichloranisole	2.4.6-Trichloranisole		musty, damp cellar	80 ng/L***	30 ng/L
107	Ethyl butyrate	ethyl butanoate		exotic fruits, pineapple, mango	80 µg/L	0,1 µg/L
108	Cineole	1.8-Cineole		eucalyptus, camphor	5 mg/L***	12 µg/L
109	Citral	1.8-Citral		fresh, citrus, camphor	2,5 mg/L***	–
110	Chlorphenol	2.6-Dichlorphenol		chemical, medicinal, pharmacy, antiseptic	150 ng/L	–
111	Dimethyl disulfide	Dimethyl disulfide		rotten vegetables, sewage treatment plant	400 µg/L***	20 µg/L
112	Nonanal	Nonanal		hay, dried grass	105 µg/L	35 µg/L
113	Metallic	ferrous sulfate		iron, metallic	3,75 mg/L	900 µg/L
114	Eugenol	Eugenol		clove, phenolic, spicy	500 µg/L***	1 µg/L
115	Heptadienal	E,E-2.4-Heptadienal		fishy, oily, rancid	210 µg/L***	700 µg/L
116	Hexenol	Z-3-Hexen-1-ol		fresh cut grass, green fruit	2 mg/L***	950 µg/L
117	Indole	Indole		pigsty, fecal-like	80 µg/L***	20 µg/L
118	β-Ionone	β-Ionone		floral, violets	10 µg/L***	13 µg/L
119	Isoamylacetat	isoamyl acetate		fruity, banana, pear drops	1 mg/L	–
120	Isobutylmethoxypyrazin	2-Isobutyl-3-methoxypyrazine		green pepper	30 ng/L***	0,045 µg/L
121	Isopropylmethoxypyrazin	2-Isopropyl-3-methoxypyrazine		potato peelings	10 ng/L***	24 ng/L
122	Methylmercaptan	Methanethiol		foul, rotten, sewer odour	1 µg/L***	330 ng/L
123	Nonadienal	E,E-2.4-Nonadienal		cucumber skin	900 ng/L***	40 ng/L
124	Octenol	1-Octen-3-ol		mushroom, moss, forest soil	600 µg/L	1 µg/L
125	Cinnamaldehyde	E-3-Phenyl-2-propenal		cinnamon	5 mg/L***	–
126	Trimethylbenzoyl	1,2,4-Trimethylbenzoyl		oily aromatic	88 µg/L	–
127	Ethyl Acetate	ethyl ethanoate		solvent, nail polish remover	15 mg/L	5 mg/L
128	Acetaldehyde	ethanal		unripe apples, pungent	300 µg/L	63 µg/L

* The concentration corresponds to the dosage of one ampule into one litre of water

*** The stated concentrations – solved in a litre of water - comply with the guidelines of the pamphlet "DVGW W 273 (M): Requirements and Execution of Sensory Tests in Water Laboratories" for application in competency tests for assessors