

Erratum to: Characterization and classification of the aroma of beer samples by means of an MS e-nose and chemometric tools

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Unfortunately, there was a mistake in some units given in Table 2 of this contribution. Please find the corrected Table 2 below.

The online version of the original article can be found at <http://dx.doi.org/10.1007/s00216-010-4343-y>.

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Table 2 Important chemical compounds commonly found in aroma beers [2, 23]

COMPOUND	mg/L	m/z	COMPOUND	µg/L	m/z
ESTERS			SULFUR COMPOUNDS		
ETHYL ACETATE (a)	10-60	-	ETHYLENE SULFIDE	0.3-2.0	60,59
ISOBUTYL ACETATE (a)	0.01-0.25	-	ETHANETHIOL	0-20	62
ISOAMYL ACETATE	0.5-5.0	70	1-PROPANETHIOL	0.1-0.2	76
ETHYL CAPROATE	0.1-0.5	88,99	DIMETHYL SULFIDE	10-100	62
ETHYL CAPRILATE	0.1-1.5	88	DIETHYL SULFIDE	0.1-1.0	75,90,61
ETHYL CAPRATE	0.01-1.0	88	DIMETHYL DISULFIDE	0.1-3	94,79, 61
PHENETHYL ACETATE	0.05-2.0	104	DIMETHYL TRISULFIDE	0.01-0.8	79,126
NICOTINATO ETILO	1.0-1.5	106,78	METHYL THIOACETATE	5-20	90
ETHYL BUTYRATE	0.04-0.2	71,88	ETHYL THIOACETATE	0-2	90
ETHYL 2-METHYLBUTANOATE	0.001-0.015	57, 102, 74	3-METHYL THIOPROPANAL	20-50	104
ALCOHOLS			HOP OIL-DERIVED		
2-METHYL 1-BUTANOL	8-30	57,56	LINALOOL	1-470	71,93
3-METHYL 1-BUTANOL	30-70	55,70	GERANIOL	1-90	69
2-METHYL 1-PROPANOL (a)	4-56.6	-	α-TERPINEOL	1-75	59,93,121
PHENETHYL ALCOHOL	8-35	91,92	CITRONELLOL	1-90	69
1-OCTEN-3-OL	0.03	57	GERANYL ACETATE	35	69
TYROSOL	3-40	107	HUMULENE EPOXIDE II	1.9-270	104
1-PENTANOL	2-10	55, 70	OTHERS (aldehydes, ketones)		
GLYCEROL	1200-2000	61	ACETALDEHYDE (b)	1200-24400	-
3-METHYL THIOPROPANOL	50-1300	106,61,58,57	DIACETYL (a)	10-400	-

^a Unimportant mass abundances in the range 50–150 m/z

^b Fragmentation below 50 m/z

The bold numbers denote 100% relative abundance when the molecule is fragmented