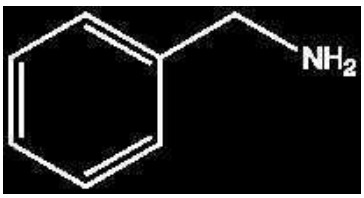
AL0161 Benzyl alcohol, ExpertQ®, for analysis, Reag. Ph Eur

assay (G.C.) . . . . . 99,5 - 100,5 %
identity (IR-spectrum) . . . . . .passes test
appearance of solution . . . . . .clear and colourless
colour (Hazen) . . . . . max. 10
refractive index n20/D . . . . . 1,538 - 1,541
acidity . . . . . max. 0,001 meq/g
alkalinity. . . . . max. 0,002 meq/g
halogen compounds (as Cl) . . . . . .max. 0,001 %
aluminium (Al) . . . . . .max. 0,5 ppm
barium (Ba) . . . . . .max. 0,1 ppm
boron (B) . . . . . .max. 0,02 ppm
cadmium (Cd) . . . . . .max. 0,05 ppm
calcium (Ca). . . . . .max. 0,5 ppm
chromium (Cr) . . . . . .max. 0,02 ppm
cobalt (Co) . . . . . .max. 0,02 ppm
copper (Cu) . . . . . .max. 0,02 ppm
heavy metals (as Pb) . . . . . max. 1 ppm
iron (Fe) . . . . . .max. 0,1 ppm
lead (Pb). . . . . .max. 0,1 ppm
magnesium (Mg) . . . . . .max. 0,1 ppm
manganese (Mn) . . . . . .max. 0,02 ppm
nickel (Ni). . . . . .max. 0,02 ppm
tin (Sn) . . . . . .max. 0,1 ppm
zinc (Zn) . . . . . .max. 0,1 ppm
peroxide index. . . . . max. 5
related substances . . . . . .passes test
residue on evaporation . . . . . .max. 0,005 %
water (K.F.). . . . . max. 0,1 %

ART. NO.	VOLUME	CONTAINER
AL01611000	1 l	
AL01612500	2,5l	
AL0161025P	25 l	
AL0161200L	200 l	

BENZYLAMINE

BE0075 Benzylamine, EssentQ®



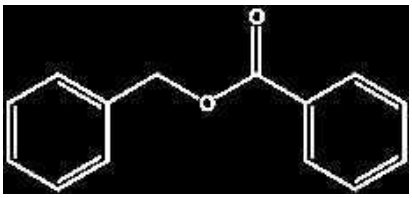
- Synonyms: Phenylmethylamine
- C_7H_9N
- M = 107,16 g/mol
- CAS [100-46-9]
- EINECS-No.: 202-854-1
- Density: 0,98 g/cm³
- Solub. in water: (20 °C): miscible
- Melting point: 10 °C
- Boiling point: 185 °C
- Flash pt. 65 °C
- Ignition temp.: ~ 390 °C
- Vapour pressure: (20 °C) 0,6 hPa
- Refraction index: (n 20 °C/D) 1,5438
- LD 50 (oral, rat): ~ 1130 mg/kg
- EC-Index-No.: 612-047-00-X
- ADR: 8 C7 III UN 2735
- IMDG: 8 III UN 2735
- IATA/ICAO: 8 III UN 2735
- GHS-signal word: Danger
- GHS-H sentences: H314 - H302 - H312
- GHS-P sentences: P260 - P303 + P361 + P353 - P305 + P351 + P338 - P321 - P405 - P501a
- Tariff number: 2921 49 00 90
- Applications: synthesis of organic products, analytical chemistry, perfumery.

assay (G.C.) . . . . . .min. 99 %
identity (IR-spectrum) . . . . . .passes test
density (20°/4°). . . . . 0,982 - 0,983
residue on ignition . . . . . .max. 0,01 %
water (K.F.). . . . . .max. 0,2 %

ART. NO.	VOLUME	CONTAINER
BE00750250	250 ml	
BE00751000	1 l	

BENZYL BENZOATE

BE0185 Benzyl benzoate, extra pure, Pharmpur®, Ph Eur, BP, USP



- Synonyms: Benzoic acid benzyl ester
- $C_{14}H_{12}O_2$
- M = 212,25 g/mol
- CAS [120-51-4]
- EINECS-No.: 204-402-9
- Density: 1,12 g/cm³
- Solub. in water: (20 °C): non-miscible
- Melting point: 21 °C
- Boiling point: 324 °C
- Flash pt. 158 °C
- Ignition temp.: 480 °C
- Vapour pressure: (20 °C) < 0,1 hPa
- Refraction index: (n 21 °C/D) 1,5681
- LD 50 (oral, rat): 1900 mg/kg
- EC-Index-No.: 607-085-00-9
- ADR: 9 M6 III UN 3082
- IMDG: 9 III UN 3082
- IATA/ICAO: 9 III UN 3082
- GHS-signal word: Warning
- GHS-H sentences: H302 - H411
- GHS-P sentences: P273 - P264 - P270 - P330 - P391 - P501a
- Tariff number: 2916 31 00 00
- Applications: analytical chemistry, in food industry, perfumery, in pharma industry.
- Appearance: Oily liquid

assay (acidimetric, after saponification) . . . . . 99,0 - 100,5 %
identification . . . . . .passes test
density (20°/20°) . . . . . 1,118 - 1,120
refractive index n20/D . . . . . 1,568 - 1,570
freezing point. . . . . min. 18,0 °C
acidity . . . . . .passes test
aldehydes (as C_7H_6O). . . . . .max. 0,05 %
residue on ignition . . . . . max. 0,1 %
Elemental impurities are analysed according to guideline CHMP/ICH/353369/2013.
Residual solvents are analysed according to guideline CPMP/ICH/283/95.

ART. NO.	VOLUME	CONTAINER
BE01851000	1 l	
BE0185025P	25 l	