

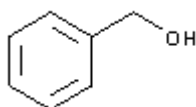


PRODUCT CODE: 131081

Benzyl Alcohol for analysis, ACS

C_7H_8O

$C_6H_5CH_2OH$



M.= 108,14

CAS [100-51-6]

EINECS 202-859-9

TARIC 2906 21 00 00

SYNONYMS: a -Hydroxytoluene, Benzenemethanol, Phenylcarbinol

PHYSICAL DATA: liquid, Clear, Colourless, Soluble in water 40 g/l at 20 °C D 20/4 1,0453 • M.P.: -15,2 °C • B.P.: 204,7 °C • n_{20/D} : 1,5396 • Flash P.:94 °C • Ign. T.:435 °C • Vap. press. (20 °C) 0,13 hPa • D. M. 20 °C 1,7 Debye • Dielec. constant25 °C 13,1 • Heat evap. 205 °C 467 KJ/Kg • Satur. conc. 20 °C 0,56 g/m³ • Expl. limit1,3 %(V)13 %(V) •

BIBLIOGRAPHY: Merck Index **13**, 1.126 14, 1.124 Sax **BDX500** • Safety **2 , 377 D** • Kühn-Birett **B 49** • Ullmann **(5.)4 , 1** • Beilstein **6 , 428 I , 217 II , 403 III ,1445 IV , 2222** • BRN 78307 • ACS **XI** • BP.**2020** • USP -**NF 37** • Ph. Eur. **9.0** (2017) **10.0** (2020) 7.6 • F.C.C **10 11** • BOE **243**(8-10-2009) • Regulation (EU) n° 231/2012 •

HAZARDOUS: C.E: 603-057-00-5 • RTECS: DN 3150000 • LD50 oral rat 1.230 mg/kg • LC L0 inh rat 2000 ppm / 4h • LD50 skn rbt 2.000 mg/kg • LD50 ipr mus 650 mg/kg



H: H332 • H302 • H319 •

P: P261 • P264 • P270 • P271 • P301+P312 • P501 • P304+P340 • P312 • P330 •

WEIGHT/VOLUME INFORMATION: 1l~1,046 kg 1kg~0,956 l

OBSERVATIONS: Storage between +2 and +8°C . • Storage away from direct light. •

SPECIFICATIONS:

Minimum assay (G.C.)	99,5%
Identity :	
Identity	IR passes test
Density at 20/4	1,043-1,049

Maximum limit of impurities

APHA colour	10
Residue on ignition (as SO ₄)	0,005 %
Benzaldehyde (G.C.)	0,01%
Acetophenone (G.C.)	0,02%
Water (H ₂ O)	0,1 %
Al	0,0005 %
Ca	0,00005 %
Cd	0,000005 %
Co	0,000002 %
Cr	0,000002 %
Cu	0,000002 %
Fe	0,00001 %
Mg	0,00001 %
Mn	0,000002 %
Ni	0,000002 %
Pb	0,00001 %
Zn	0,00001 %

Product bottled under nitrogen atmosphere.

Ed.: 4 . Vig.: 13.11.2013 .

Prod.: 131081