

## 24122 Benzyl alcohol Puriss., meets analytical specification of BP, Ph. Eur., NF, 99-100.5% (GC) Benzenemethanol

### Specyfikacja:

Property	Value
TITRATABLE ACID	<= 0.02 % free acid (as C <sub>6</sub> H <sub>5</sub> COOH)
REFRACTIVE INDEX N <sub>20</sub> /D	1.539 - 1.541
SOLUBILITY (COLOR)	Colorless
SOLUBILITY (TURBIDITY)	Clear
WATER	0 - 0.1 %
SULFATED ASH	0 - 0.005 %
RESIDUE (EVAPORATION)	0 - 0.05 %
INFRARED SPECTRUM	CONFORMS TO STRUCTURE
RELATED SUBSTANCES	complying
RESIDUAL SOLVENTS	complying
PEROXIDE VALUE	<= 5
PURITY (GC AREA %)	99 - 100.5 %
RECOMMENDED RETEST PERIOD	12 Months
GC MINOR COMPONENT 1 (AREA %)	0 - 0.05 % rel
GC MINOR COMPONENT 2 (AREA %)	0 - 0.1 % rel
MINOR COMPONENT 1	benzaldehyde
MINOR COMPONENT 2	cyclohexylmethanol
REMARKS ON GC	<= 0.02 % sum peaks bef. benzylalcohol <= 0.2 % sum peaks after benzylalcohol
SPECIFIC GRAVITY	1.042-1.047 at 25 DEG C
DENSITY	1.043-1.049 at 20 DEG C

### Właściwości fizyczne:

Property	Value
Ign. residue	≤0.005% (as SO <sub>4</sub> )
Vapor pressure	13.3 mmHg ( 100 °C)
Density	1.045 g/cm <sup>3</sup>
Impurities	≤0.10% cyclohexylmethanol (GC)
Mp	-16--13 °C(lit.)
Refractive index	n <sub>20</sub> /D 1.539-1.541
Bp	203-205 °C(lit.)
Suitability	in accordance for appearance of solution
Grade	puriss.
Autoignition temp.	817 °F
Quality	meets analytical specification of Ph. Eur., BP, NF
Assay	99-100.5% (GC)
Peroxide value	≤5
Vapor density	3.7 (vs air)
Boiling point	205.3 °C
Freezing point	-15.4 °C

**Informacje dot. bezpieczeństwa:**

<b>Property</b>	<b>Value</b>
Flashpoint	100.4 °C
Hazard Class	3
Package Group	II
UN ID	1170