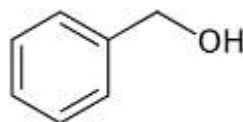


TIQ-F-QC-003
 Rev.00

Technical Data Sheet

BENZYL ALCOHOL 99% AR

Benzenemethanol



Product Code	B-3016	Grade	Analytical Reagent
Purity	99%	CAS No	100-51-6
Molecular Formula	C ₇ H ₈ O	Molecular Weight	108,14 g/mol
H.S.Code	2906.2100	Shelf Life	60 Months

Physical Properties

Physical state	Liquid	Colour	colourless
Flash point	101 °C	Boiling point	205 °C at 1.013 hPa
Density	1,05 g/cm ³ at 20 °C	Partition coefficient: noctanol/water	log Pow: 1,05 at 20 °C

Packaging

2500 ml

Specification

Appearance	A Clear colorless liquid
Assay (GC)	min 99 %
Clarity of solution (2 mg in 60 ml water)	passes USP test
Color of solution	clear colorless solution
Wt.per ml at 20 °C	1.043 - 1.048 g/cm ³
Refractive index (n ²⁰ _D)	1.538 - 1.541
Residu on evaporation	max 0.05 %
Acidity (as per USP)	passes test
Heavy metal (as Pb)	max 0.0001 %
Iron (Fe)	max 0.0001 %
Acetophenone	max 0.02 %
Peroxide number	max 5.0
Residu on ignition (at 600 °C for 15 mins)	max 0.005 %
Water (H ₂ O)	max 0.1 %
Benzaldehyde (C ₆ H ₅ CHO)	max 0.05 %
Cyclohexyl methanol	max 0.1 %

Safety Information and Hazard Symbols



Symbol: GHS07

Signal Word: warning

UN No.: not available

IMCO Class No.: not available

Packing Group: not available

Hazardous Statement: H302+H332-H317-H319

Precaution Statement: P261-P280-P301+P312-P302+P352-P304+P340+P314-P305+P351+P338