

Product Information

METHANOL 99,8 % for HPLC & SPECTROSCOPY

Methyl alcohol, MeOH



Product Code	B-3048	Grade	For HPLC & Spectroscopy
Purity	Min 99,8%	CAS No	67-56-1
Molecular Formula	CH ₃ OH	Molecular Weight	32.04 g/mol
H.S.Code	2905.1100	Shelf Life	60 Months

Physical Properties

Physical state at 20 °C	Liquid	Colour	Colourless
Odour	Characteristic	Melting Point/ Freezing point (°C)	-98 °C
Auto-ignition temperature	455,0 °C at 1.013 hPa	Flash point	9,7 °C
Boiling Point	64.7 °C	Vapour pressure (20 °C)	169,27 (20 °C)
Vapour Density	1.11	Density (g/cm ³)	0.791
Solubility in water (% weight)	1.000 g/l at 20 °C -	Explosion limits – upper (%)	44%
Explosion limits-lower (%)	5.50 %	Evaporation rate	6,3 - Diethyl ether1,9 - n-butyl acetate
Partition coefficient: noctanol/water	log Pow: -0,77		

Packaging

2500 ml

Specification

Appearance	A Clear colorless liquid
Assay (GC)	min 99.8 %
Color	max 10 Hazen
Wt.per ml at 20 °C	0.789 – 0.792 g/cm ³
Refractive Index (n ²⁰ _D)	1.327 – 1.330
Water (H ₂ O) (by KF)	Max 0.1 %
Residu on evaporation	max 0.001 %
Titrate acid	max 0.0003 meq/g
Titrate base	max 0.0002 meq/g
Ethanol (GC)	max 0.1 %

Acetone (GC)	max 0.001 %
Acetaldehyde (CH ₃ CHO)	max 0.001 %
Formaldehyde (HCHO)	max 0.001 %
Solubility in water	passes test
Substances darkened (by H ₂ SO ₄)	passes test

Safety Information and Hazard Symbols



Symbol: GHS02, GHS06, GHS08

Signal Word: Danger

UN No.: 1230

IMCO Class No.: 3,6.1

Packing Group: II

Hazardous Statement: H225-H301-H311-H331-H370

Precaution Statement: P210-P260-P280-P301+P310+P330-P308+P311-P370+P378-P403+P233