Methanol for isocratic HPLC

Product Code: 1.1240.

Ultra Pure for Liquid Chromatography

CH3OH

M= 32.04 g/mol

1 lit= 0.79 g/cm³

Specification

Assay	≥	99.8	%
Solubility		Conforms	
Color & Description		Conforms	
Identification		Conforms	
Alkalinity	≤	3.0	ppm
Acidity	≤	0.45	ml
Acetone & aldehyde		Conforms	
Residue on evaporation	≤	3.0	mg/l
Transmission at 225nm	≥	50	%
Transmission at 240nm	≥	80	%
Transmission from 265nm	≥	98	%
Absorbance at 235nm	≤	2.0	mAU
Absorbance at 254nm	≤	1.0	mAU
Boiling Point		64.0 – 65.0	°C
Filtered by 0.2 µm suitable filter			
Water	≤	0.03	%

Glass Bottles		
1	Liter	●
2.5	Liter	●

Plastic Bottles		
1	Liter	
2.5	Liter	

Plastic Gallon		
5	Liter	
10	Liter	
20	Liter	

Technical Information

Formula:	CH4O
Chemical formula:	CH3OH
Density:	0.79 g/cm³ (20 °C)
Molar mass:	32.04 g/mol
CAS number:	67-56-1
EC index number:	603-001-00-X
HS code:	29051100
EC number:	200-659-6
Storage (temperature):	Without limitation
SDS	available
RTECS:	PC1400000
R phrase:	R 11-23/24/25-39/23/24/25
S phrase:	S 7-16-36/37-45
Odour:	characteristic
Form:	liquid
Color:	colourless
Explosion limit:	5.5 -36.5 Vol %
Ignition temperature:	455 °C (DIN 51794)
Solubility in water:	(20°C) soluble
Flash point:	11 °C (c.c.)
Boiling point:	64.5 °C (1013 hPa)
Melting point:	-98 °C
Vapour pressure:	128 hPa (20 °C)
Viscosity dynamical :	0.597 mPa*s (20 °C)
Saturation concentration (air):	166 g/m³ (20 °C)