

## Product Name

# Methanol

**Grade:** UV Spectroscopy

### Synonyms

MeOH, Hydroxymethane, Methyl alcohol, Carbinol

### CAS Number

67-56-1

### General Information

<b>Chemical formula:</b>	CH <sub>3</sub> OH	<b>Molar Mass:</b>	32.04 g/mol
<b>Appearance:</b>	Colorless liquid	<b>Density:</b>	0.79 g/cm <sup>3</sup> (20 °C)
<b>Solub. in water:</b>	Soluble (20 °C )	<b>Melting point:</b>	-98 °C
<b>Boiling point:</b>	64.5 °C	<b>Flash point:</b>	11 °C
<b>Storage temp.:</b>	Below +30 °C	<b>Cautions:</b>	Highly flammable, Toxic
<b>R:</b>	11-23/24/25-39/23/24/25	<b>S:</b>	7-16-36/37-45
<b>HS-No.:</b>	2905 11 00	<b>EC-Index-No.:</b>	603-001-00-X



### Hazard Symbol

### Specification

Assay (GC)	≥	99.8	%
Substances darkened by sulfuric acid		Conforms	
Substances reducing permanganate		Conforms	
Solubility in water		Conforms	
Color	≤	10	APHA
Water (H <sub>2</sub> O)	≤	0.1	%
Residue after evaporation	≤	0.001	%
Carbonyl compounds (each of acetone, formaldehyde and acetaldehyde)	≤	0.001	%
Titration acid	≤	0.0003	meq/g
Titration base	≤	0.0002	meq/g
UV Absorption			
400 to 280 nm	≤	0.01	AU
at 260 nm	≤	0.04	AU
at 240 nm	≤	0.1	AU
at 230 nm	≤	0.2	AU
at 220 nm	≤	0.4	AU
at 210 nm	≤	0.8	AU
at 205 nm	≤	1	AU
Filtered through 0.2µm filter			

### Ordering Information

Volume:	1 L	2.5 L	5 L	10 L	20 L
Plastic	–	–	–	–	–
Glass	211.15.01000.01	211.15.02500.01	–	–	–