



## Methanol

CAS Number	Formula
67-56-1	CH <sub>4</sub> O or CH <sub>3</sub> OH

Methanol has the chemical formula CH<sub>3</sub>OH and is a clear, colourless liquid which has a mild, characteristic alcohol odour. It is soluble in water and is also soluble in other alcohols, esters, ketones, ethers, and in most other organic solvents.

### SPECIFICATION

Purity	99.98 wt. %
Water	0.0048 w/w %
Ethanol	< 0.0005 w/w %
Specific Gravity at 20/20°C	0.7926
Acetone	< 0.0005 w/w %
Permanganate Time Test	> 60 minutes
Non-Volatile Matter	< 5 mg/1000mL
Distillation Range at 760 mmHg	0.4
Color (Pt-Co)	Below 5APHA
Carbonizable	Below 30APHA
Total Iron	0.05 mg/kg
Chloride	0.03 mg/kg
Appearance	Clear and Free of Suspended Matter
Odor	Non-Residual
Acidity (as acetic acid)	0.0016 w/w %
Hydrocarbons	Pass
Sulphur	Nil
Aromatics	Pass

**MAJOR USE:** Base materials in acrylic plastic, chemical agent in pharmaceuticals and agrichemicals. antifreeze to keep cleaning fluids from freezing, also used as a precursor to other commodity chemicals

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