

Specifications for Methanol

Parameter	Value
Molecular Formula	CH ₄ O
Mol Wt	32.05
CAS #	[67-56-1]
Description	Clear colorless liquid free from suspended matter
Assay (%)	99.85 min
Distillation range in deg cel	64.6 ± 0.1
Sp gravity @ 20/20 deg cel	0.791 -0.793
Potassium permanganate time test at 15 deg cel	60 min
Carbonizable substances on Pt-Co scale	30 max
Ethanol in ppm	50 max
Chloride as Cl in ppm	0.2 max
Sulphur in ppm	0.5 max
Acetone & aldehyde in ppm	30 max
Acetone in ppm	20 max
Acidity as acetic acid in ppm	30 max
Alkalinity as NH ₃ in ppm	30 max
Total iron in ppm	0.1 max
Non-volatile matter in ppm	10 max
Moisture (%)	0.1 max

Uses:

Industry	Application
Process and Manufacturing	Key raw material in manufacture of formaldehyde, paraformaldehyde, MTBE, hexamine, dimethyl sulphate, methyl amines, di- and tri-methyl phosphates, and methyl methacrylate
Renewable Energy	Key RM in mfr of biodiesel
Coating	As flow adjustor in paint industries
Automotive	Coolant for automotives

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