Specifications for Methanol

Parameter	Value
Molecular Formula	CH4O
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
Alkalanity as NH3 in ppm	30 max
Total iron in ppm	0.1 max
Non-volatile matter in ppm	10 max
Moisture (%)	0.1 max

Uses

Industry	Applications
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 Also as general purpose solvent in chemical industries, especially pharma, agrochemicals and fragrances
Renewable Energy	Key RM in mfr of biodiesel
Coating	As flow adjustor in paint industries
Automotive	Coolant for automotives

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