

Technical Data Sheet

Methanol

Methanol, also known as methyl alcohol, carbinol, wood alcohol, wood naphtha, or wood spirits, is the simplest alcohol. Its chemical formula is CH₃OH. It is a colorless, volatile, flammable liquid with a distinctive odor.

Applications:

- MTO
- Acetic acid
- MTBE & TAME
- Biodiesel
- Formaldehyde
- Fuel Applications
- Methyl Methacrylate

Properties	Test Method	Result	Limit(SPEC)
Appearance	ASTM D 1722	Clear and free of suspended matter	Clear and free of suspended matter
Purity(wt%)	ASTM E346	Greater than 99.85%	99.85 min
Water(wt%)	ASTM E203	Less than 0.1	0.1 max
Ethanol(wt%)	ASTM E346	Less than 0.005	0.005 max
SP.GR @ 20/20	ASTM D 4052	0.791-0.793	0.791-0.793
Acetone(wt%)	ASTM E346	Less than 0.001	0.001 max
Permanganate @ 15°C.min	ASTM D 1363	Greater than 60 minutes	Min 60 minutes
Distillation Range	ASTM D 1078	Less than 1 °C	Max 1.0 °C to include 64.6 °C±0.1
Acidity(wt%) (as acetic acid)	ASTM D 1613	Less than 0.003	0.003 max
Total Iron(ppm)	ASTM D 1068	Less than 0.1	0.1 max
Chloride (ppm)	ASTM D 512	Less than 0.2	0.2 max
Sulphur(ppm)	ASTM D 5623	nil	nil
Hydrocarbons(water Miscibility)	ASTM D 1722	Passes test	Passes test
Carbonisable PT-CO	ASTM E346	Blow 30 APHA	max 30 APHA
Odour	ASTM E 1296	Characteristic nonresidual	Characteristic nonresidual
Color PT-CO (APHA)	ASTM D 1209	Blow 5 APHA	Max 5 APHA
Non Volatile Matter	ASTM D 1353	Less than 8mg/1000ml	8mg/1000ml max
Alkalinity as NH	ASTM D 1614	nil	nil