

IPCC's guaranteed Methanol Specification:

ITEMS	TEST METHOD	LIMITED
Purity (wt %)	ASTM E-346	Min. 99.85
Water (%wt)	ASTM E-1064	Max. 0.10
Specific gravity @ 20°/20°c	ASTM-D-4052	Max. 0.7928
Ethanol (wt %)	ASTM E-346	Max 0.005
Acetone (wt %)	ASTM E-346	Max. 0.003
Permanganate time	ASTM-D-1363	Greater than 50 Min.
Non volatile matter	ASTM-D-1353	Less than 8mg/1000 ml
Distillation Range @ 760 mmHg	ASTM-D-1078	Not more than 1°C and shall include 64.6 °C ± 0.1°C
Color, PT-Cobalt Scale	ASTM-D-1209	Max. 5
Carbonizable, PT-Cobalt Scale	ASTM-E-346	Max. 30
Appearance	IMPCA- 003	Clear and free from suspend matter
Odor	ASTM D-1296	Non- Residual
Acidity as CH₃COOH (wt %)	ASTM-D-1613	Max. 0.003
Alkalinity as NH₃ (wt %)	ASTM D-1614	Max. 0.003
Miscibility	ASTM D-1722	Passes test
Iron (ppm)	ASTM E-202	Max. 0.1
Chloride (ppm)	ASTM D-512	Max. 0.5
Sulphur(mg/kg)	ASTM D-3961	Max. 0.5
TMA⁽¹⁾	Optional	---
Aromatics⁽²⁾	Optional	---

For (1) & (2) IMPCA recommends to use the following methods:

TMA	TMA test	ASTM E 346
Aromatics	UV test	IMPCA 004