

Methanol spec

NO	TEST	METHOD	RESULT	LIMIT (SPEC)
1	Appearance	IMPCA 003-98	Clear and free of suspended matter	Clear and free of suspended matter
2	Purity (wt %)	IMPCA 001-14	99.99	Min 99.85
3	Water (wt %)	ASTM-E1064	0.0045	Max 0.1
4	Ethanol (wt %)	IMPCA 001-14	< 0.0005	Max 0.0050
5	SP.GR@ 20/20	ASTM-D4052	0.7926	0.7910-0.7930
6	Acetone (wt %)	IMPCA 001-14	< 0.0005	Max 0.003
7	Permanganate time @ 15° C, minutes	ASTM-D1363	Greater than 60 minutes	Min 60 minutes
8	Distillation Range	ASTM-E1078	0.3	Max 1.0°C to include 64.6°C ±0.1
9	Acidity (wt %) (as acetic acid)	ASTM-D1613	0.0012	Max 0.003
10	Total Iron (ppm)	ASTM-E394	0.04	Max 0.1
11	Chloride (ppm)	ASTM-D512	0.07	Max 0.5
12	TMA (ppb)	ASTM-E346	< 15	Max 40
13	Carbonisable PT-Co	ASTM-E346	Below 30 APHA	Max 30 APHA
14	Hydrocarbons (Water Miscibility)	ASTM-D1722	Passes test	Passes TEST
15	Odour	ASTM-D1296	Characteristic with nonresidual Odour	Characteristic with nonresidual Odour
16	Color PT-Co (APHA)	ASTM-D1209	Below 5 APHA	Below 5 APHA
17	Non Volatile matter	ASTM-D1353	Less than 8 mg/1000ml	Max 8 mg/1000ml
18	Alkalinity as NH ₃ (wt %)	ASTM-D1614	Nil	Max 0.003
19	Sulfur (ppm)	ASTM-D5623	Nil	Max 0.5