

METHANOL AA GRADE SPECIFICATION

NO.	ANALYTICAL PARAMETR	UNIT	LIMITED	METHOD
1	Appearance	-	Clear and Free of Suspended Matter	ASTM-D1722
2	Purity (on dry basis)	% w/w	Min 99.85	ASTM-E346
3	Water	% w/w	Max 0.1	ASTM-E1064
4	SP-GR-at 20/20°C	-	0.7928	ASTM-D4052
5	Ethanol	% w/w	Max 0.001	ASTM-E346
6	Acetone	% w/w	Max 0.002	ASTM-E346
7	Permanganate Time Test at 15°C	Minutes	No discharge of color in 50 minutes	ASTM-D1363
8	Distillation Range	°C	Max. 1.0 °C to include 64.6°C ±0.1°Cat 760mmHg	ASTM-D1078
9	Acidity (as CH ₃ COOH)	% w/w	Max 0.003	ASTM-D1613
10	Total Iron	ppm	Max 0.1	ASTM-D1068
11	Choloride	ppm	Max 0.2	ASTM-D512
12	TMA	pp ^b	Max 40	ASTM-E346
13	Carbonisable	Pt-Co	Max 30	ASTM-E346
14	Hydrocarbons (Water Miscibility)	-	Passes Test	ASTM-D1722
15	Odour	-	Characteristic free of foreign odour	ASTM-D1296
16	Color (APHA)	Pt-Co	Max 5	ASTM-D1209
17	Alkalinity as NH ₃	% w/w	Max 0.003	ASTM-D1614
18	Non-Volatile Mater	mg/1000ml	Max 8	ASTM-D1353
19	Sulfur	ppm	Max 0.2	ASTM-D5623
20	Aldehyde	% w/w	Max 0.003	ASTM-D1612
21	Miscibility	-	Passes Test	ASTM-D1722
22	PH	-	Max 7.5	ASTM-D1293