

CERTIFICATE OF QUALITY

Product : METHANOL  
Date : 15th JULY 2024

BEFORE LOADING

ITEM	METHOD	UNITS	SPECIFICATIONS	RESULTS	
				2001 B	
Appearance	IMPCA 003	Visual	CFSM	CFSM	
Purity on Dry Basis	IMPCA 001	% m/m	Min. 99.85	>99.95	
Ethanol	IMPCA 001	mg/Kg	Max. 50	18	
Acetone	IMPCA 001	mg/Kg	Max. 30	<5	
Colour Pt-Co	ASTM D 1209	Pt-Co	Max. 5	<5	
Water Content	ASTM E 1064	% m/m	Max. 0.1	0.005	
IBP	ASTM D 1078	°C	Max. 1.0°C to include 64.6° +/- 0.1°	64.4	
FBP	ASTM D 1078	°C		64.6	
Distillation Range	ASTM D 1078	°C		0.2	
Specific Gravity @ 20/20°	ASTM D 4052	-		0.7927	
Density @ 15°C	ASTM D 4052	kg/L	-	0.7959	
Permanganate Fade Time	ASTM D 1363	Minutes	Min. 60	90	
Chloride	IMPCA 002	mg/kg	Max. 0.5	<0.25	
Sulphur Content	ASTM D 5453	mg/kg	Max. 0.5	<0.5	
Hydrocarbons	ASTM D 1722	-	Pass Test	Pass	
Carbonizable Substance	ASTM E 346	Pt-Co	Max. 30	<30	
Acidity as Acetic Acid	ASTM D 1613	ppm (m/m)	Max. 30	10	
Iron	ASTM E 394	mg/kg	Max. 0.1	0.02	
Non Volatile Matter	ASTM D 1353	mg/L	Max. 8	0.2	

Note:  
CFSM = Clear & Free of Suspended Matter  
C & NR = Characteristics & Non Residual

Note : Precision parameters apply in determination of the above results and test methods. Also refer to ASTM E300, IP Standard Methods 367, Appendix E for utilization of test data to determine conformance with specification.