



Vessel : TETHIS 7
Ref. : 00046/24-11
Port : SOHAR, OMAN
Cargo : Methanol
Date : 18.01.2024
Voy : TTS012024

CERTIFICATE OF QUALITY

Sample of: Methanol
Source of Sample: Ship's tanks composite (after loading)

Test	Unit	Method	Specification	Results
Purity	Wt%	IMPCA 001-14	Min. 99.85	99.98
Water	%w/w	ASTM E-1064	Max. 0.100	0.0141
Ethanol	%w/w	IMPCA 001-14	Max. 0.005	0.0015
Acetone	%w/w	IMPCA 001-14	Max. 0.003	Less than 0.001
Specific Gravity 20/20 °C	-	ASTM D-4052	Max. 0.7928	0.7926
Permanganate Time Test	-	ASTM D-1363	Min. 60 minutes	Greater than 60 minutes
Non Volatile Matter	mg/1000 ml	ASTM D-1353	Max. 8	Less than 8
Color PT-Co	-	ASTM D-1209	Max. 5	Below 5 APHA
Carbonizable	-	ASTM E-346	Max. 30	Below 30 APHA
Total Iron	mg/kg	ASTM E-394	Max. 0.1	0.05
Chloride as Cl	mg/kg	ASTM D-512	Max. 0.5	0.07
Appearance	-	IMPCA 003-98	Clear and free from suspended matter	Clear and free from suspended matter
Acidity as CH ₃ COOH	%w/w	ASTM D-1613	Max. 0.003	0.0018
Hydrocarbons	-	ASTM D-1722	Passes test	Passes test
Distillation Range at 760 mmHg	-	ASTM D-1078	Max 1.0 °C to include 64.6 +/- 0.1 °C at 760 mmHg	Less than 1°C
Aromatics	-	IMPCA 004-02	Passes test	Passes test
Odor	-	ASTM D-1296	Non Residual	Non Residual
Sulphur	mg/kg	ASTM D-5623	Max. 0.5	NIL

