



Reliance Industries Limited

Jamnagar-DTA Manufacturing Division (C2 Complex)
PO Motikhavdi Meghpar Padana Gagva, Jamnagar-361140



TC-9404

Registered Office: 3rd Floor, Maker Chambers IV , 222, Nariman Point,
Mumbai - 400021, Maharashtra, India.

C2 Central Laboratory

ULR-TC940424000001155F

Test Certificate For Mono Ethylene Glycol (Fibre Grade)

IS 5295:2023 | CM/L-7900107816

Inspection Lot No.	: 890001233590	Date of Testing/Report	: Jun 11, 2024
LIMS ID	: 24292175	Date of Sampling	: Jun 10, 2024
Product	: MEG	Batch Number	: F36HK
Product Description	: Mono Ethylene Glycol (Fibre Grade)	Tank/Location	: JMD-C2-631004
Invoice Quantity	: 30.070 MT	DCPI Date	: Jun 11, 2024
DCPI Number	: 626297124	Tanker/Truck No.	: DD01F9075
Customer Name	: SGS CHEMICALS		

Sr. No.	Parameters	Test Method	UOM	Specification	Test Result
01	Appearance	ASTM E 2680	--	Clear Colourless Liquid free from suspended matter	Clear & bright, free from suspended particles
02	Water solubility	ASTM D 1722	--	Miscible with water in all proportions at 20 °C	Pass

Remarks:-

- * Product conforms to the specification on tested parameters.
- * Test report shall not be reproduced except in full without written permission.
- * Analysis done on received sample.
- * 1) Product conforms to the specification on tested parameters.
- * 2) Results relate to the item tested only.
- * 3) Test report shall not be reproduced except in full without written permission.
- * 4) Analysis done on received sample.
- * 5) Test item is analyzed with latest available test methods.
- * 6) Properties of the product as tested in accordance with Scheme of Inspection and Testing contained in the BIS certification marks license CM/L No 7900107816 are as indicated above against each order.
- * 7) Please refer to IS 5295:2023 for details of specification requirements. For BIS certification details visit www.bis.gov.in.

Anup Singh

Authorized Signatory
For and on Behalf of
Reliance Industries Limited

This is electronically generated document,hence no signature required.



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01	Colour	IS 5295 [Annex B-1] Method A	Pt-Co	5 Max	2
02	Relative density (20/20°C)	IS 5295 [Table 1 Note 1]	--	1.1151 - 1.1156	1.1156
03	Moisture content	IS 1448 [Part 182]	wt%	0.050 Max	0.044
04	Distillation range IBP	IS 5298	°C	195.5 Min	196.1
05	Distillation range - 95%	IS 5298	°C	199.0 Max	197.4
06	UV Transmittance at 220nm	IS 5295 [Annex B-5]	%	70.0 Min	80.4
07	UV Transmittance at 275nm	IS 5295 [Annex B-5]	%	95.0 Min	99.4
08	UV Transmittance at 350nm	IS 5295 [Annex B-5]	%	99.0 Min	100.0
09	Purity	IS 5295 [Annex B-9]	wt%	99.80 Min	99.95
10	Diethylene glycol	IS 5295 [Annex B-9]	mg/kg	800 Max	66
11	Aldehyde as HCHO	IS 5295 [Annex B-10]	mg/kg	10 Max	1
12	Acidity as Acetic acid (CH ₃ COOH)	IS 5295 [Annex B-4]	mg/kg	10 Max	6
13	Iron content	IS 5295 [Annex B-7] Method B	mg/kg	0.10 Max	0.05
14	Chloride as Cl	IS 5295 [Annex B-8] Method C	mg/kg	0.20 Max	0.04

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