



Reliance Industries Limited

Hazira Manufacturing Division
QA/QC Laboratory

Format No: QAC-QA-1.970, REV.01



Certificate No: TC-6841

CERTIFICATE OF ANALYSIS

ULR-TC684118000002683P

Certificate No. : 040000240577

LIMS ID No. : 13335951

Product : DEGP

Product Description : DI ETHYLENE GLYCOL

Certificate Date : Nov 23, 2018

Date of Sampling : Nov 23, 2018

Batch : 1862018

Tank / Location : 2200

Sr.No.	Parameters	Test Method	UOM	Specification	Test Result
1	Appearance #	ASTM D4176	---	Clear, Colourless Liquid	Clear, colourless liquid
2	Suspended matter #	ASTM D4176	---	Nil	Nil
3	Odour #	ASTM D1296	---	Mild	Mild
4	Colour APHA #	ASTM D1209	---	10 Max	5
5	Water	ASTM E1064	mg/kg	500 Max	220
6	DEG content	ASTM E2409	wt%	99.80 Min	99.93
7	Distillation temperature at 95% volume	ASTM D1078	*C	250.0 Max	244.4
8	MEG + TEG	ASTM E2409	wt%	0.200 Max	0.050
9	Specific gravity at 20/20°C	ASTM D4052	---	1.1170 - 1.1200	1.1183
10	Distillation temperature at 5% volume	ASTM D1078	*C	242.0 Min	243.9
11	Acidity as Acetic acid (CH3COOH)	ASTM E2679	mg/kg	30.0 Max	12.3

is not under NABL scope

Remarks:-

- Product conforms to the specification.
- Results relate to the item tested only.
- Test report shall not be reproduced except in full without written permission.
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- Ash is to be analysed on request only.

Authorised Signatory
For and on Behalf of RIL

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