

Client :  
 Report No. : IN/MUM/OGC/NROGCT/2023/43  
 SGS Order No. : TBN  
 Cargo : Mono Ethylene Glycol  
 Date : 12.01.20223

## ANALYSIS REPORT

<b>SAMPLE SOURCE</b>	: MT SC Brilliant Ship's tank
<b>SAMPLE DRAWN BY</b>	: SGS INDIA PVT LTD.
<b>DATE OF SAMPLING</b>	: 12.01.2023
<b>ANALYSIS DATE</b>	: 12.01.2023
<b>TESTED AT</b>	: SGS INDIA PVT LTD. LABORATORY, THANE

THE FOLLOWING RESULTS WERE OBTAINED.

Parameter	Test Method	Specification	Unit	Result
Mono Ethylene Glycol	ASTM E 2409 - 2013	99.90 Min	% (m/m)	99.90
DEG	ASTM E 2409 - 2013	0.05 Max	% (m/m)	0.0400
Water Content	ASTM E 203 - 2016	0.05 Max	% (m/m)	0.025
Relative Gravity at 20/20 °C	ASTM D 4052-2018	1.1151 – 1.1156	Deg C	1.1154
Colour	ASTM D1209-2009	10 Max	Pt – Co	3.3
UV Transmittance %	ASTM E 2193 - 2016			
At 220 NM		70 Min	%	84.8
At 250 NM		-	%	97.0
At 275 NM		90 Min	%	98.1
At 350 NM		98 Min	%	99.9
Appearance	Visual	Clear	-	Clear

"The results shown in this test report specifically refer to the sample(s) tested as received unless otherwise stated. All tests have been performed using the latest revision of the methods indicated, unless specifically marked otherwise on the report. Precision parameters apply in the determination of the below results. Users of the data shown on this report should refer to the latest published revisions of ASTM D3244; IP 367 and ISO 4259 and when utilizing the test data to determine conformance with any specification or process requirement. With respect to the UOP methods listed in the report above the user is referred to the method and the statement within it specifying that the precision statements were determined using UOP Method 999. This Test Report is issued under the Company's General Conditions of Service (copy available upon request or on the company website at [www.sgs.com](http://www.sgs.com)). Attention is drawn to the limitations of liability, indemnification and jurisdictional issues defined therein. This report shall not be reproduced except in full, without the written approval of the laboratory."



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