



CERTIFICATE OF ANALYSIS

PRODUCT NAME : PROPYLENE GLYCOL AR

CAS No	: 57-55-6	Product code	: 25183
Mol. Formula	: CH₃.CH(OH).CH₂OH	Batch No	: MCAR-00127
Mol. WT	: 76.10	Mfd.	: May 2024
Date of analysis	: 10/05/24	Exp.	: April 2029

S.R	Test	Specification	Observation
1	Description	A clear colourless viscous liquid .	A clear colourless viscous liquid .
2	Assay	99 % min	99.91%
3	Wt. per ml (at 20^oc)	1.035-1.037 g	1.036g
4	Refractive index(n)²⁰_D	1.431 – 1.433	1.432
5	Chloride (Cl)	0.005% max	<0.005%
6	Sulphate (SO₄)	0.006% max	<0.006%
7	Heavy metals (as Pb)	0.0005% max	< 0.0005%
8	Free acid (as acetic acid)	0.006% max	<0.006%
9	Free Alkali (as NH₃)	0.0015%max	<0.0015%
10	Water	0.2% max	0.05%
11	Sulphated ash	0.005 % max	0.002%
12	Oxidising substances	passes test	passes test
13	Reducing substances	passes test	passes test

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

**CHEMIST
(Ruchi)**

**HEAD-QUALITY ASSURANCE
(G.G.Salian)**

Note: Computer generated image requires no sign.

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