



CERTIFICATE OF ANALYSIS

PRODUCT NAME : PROPYLENE GLYCOL AR

CAS No : 57-55-6

Mol. Formula : CH₃.CH(OH).CH₂OH

Mol. WT : 76.10

Date of analysis : 20/10/23

Product code : 25183

Batch No : MCRT-29552

Mfd. : Oct. 2023

Exp. : Sept. 2028

S.R	Test	Specification	Observation
1	Description	A clear colourless viscous liquid .	A clear colourless viscous liquid .
2	Assay	99 % min	99.94%
3	Wt. per ml (at 20 ^o c)	1.035-1.037 g	1.036g
4	Refractive index(n) ²⁰ _D	1.431 – 1.433	1.433
5	Chloride (Cl)	0.005% max	<0.005%
6	Sulphate (SO ₄)	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 NH ₃)	0.0015%max	<0.0015%
10	Water	0.2% max	0.02%
11	Sulphated ash	0.005 % max	0.003%
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
(Priyanka)**

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

Note: Computer generated image requires no sign.

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