



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : PROPYLENE GLYCOL AR**

<b>CAS No</b>	<b>: 57-55-6</b>	<b>Product code</b>	<b>: 25183</b>
<b>Mol. Formula</b>	<b>: CH<sub>3</sub>.CH(OH).CH<sub>2</sub>OH</b>	<b>Batch No</b>	<b>: MCRT-28345</b>
<b>Mol. WT</b>	<b>: 76.10</b>	<b>Mfd.</b>	<b>: May 2023</b>
<b>Date of analysis</b>	<b>: 22/05/23</b>	<b>Exp.</b>	<b>: April 2028</b>

S.R	Test	Specification	Observation
1	<b>Description</b>	A clear colourless viscous liquid .	A clear colourless viscous liquid .
2	<b>Assay</b>	99 % min	99.94%
3	<b>Wt. per ml (at 20<sup>0</sup>c)</b>	1.035-1.037 g	1.036g
4	<b>Refractive index(n)<sup>20</sup><sub>D</sub></b>	1.431 – 1.433	1.432
5	<b>Chloride (Cl)</b>	0.005% max	<0.005%
6	<b>Sulphate (SO<sub>4</sub>)</b>	0.006% max	<0.006%
7	<b>Heavy metals (as Pb)</b>	0.0005% max	< 0.0005%
8	<b>Free acid (as acetic acid)</b>	0.006% max	<0.006%
9	<b>Free Alkali (as NH<sub>3</sub>)</b>	0.0015%max	<0.0015%
10	<b>Water</b>	0.2% max	0.03%
11	<b>Sulphated ash</b>	0.005 % max	0.004%
12	<b>Oxidising substances</b>	passes test	passes test
13	<b>Reducing substances</b>	passes test	passes test

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

**[Tested By]**

**[QC Incharge]**

**CHEMIST  
(Deepa)**

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

**Note:** Computer generated image requires no sign.

**MOLYCHEM Office: 78/80 Babu Genu Road, Souri Bldg., 2<sup>nd</sup> Floor, Mumbai – 400 002 (INDIA)  
Tel: +91 22 4066 8111, 2205 7772 . Fax: + 91 22 2203 4442. Email : [info@molychem.net](mailto:info@molychem.net)  
Works: Plot No. B/9, Badlapur M.I.D.C.,OPP.Shobhavat Textile Co.,  
Kulgaon, Badlapur (E), Dist.-Thane-421 503**