



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : PROPYLENE GLYCOL AR**

**CAS No** : 57-55-6 **Product code** : 25183  
**Mol. Formula** : CH<sub>3</sub>.CH(OH).CH<sub>2</sub>OH **Batch No** : MCRT-25524  
**Mol. WT** : 76.10 **Mfd.** : April 2022  
**Date of analysis** : 28/04/22 **Exp.** : March 2027

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 <sup>o</sup> c)	1.035-1.037 g	1.036g
4	Refractive index(n) <sup>20</sup> <sub>D</sub>	1.431 – 1.433	1.4324
5	Chloride (Cl)	0.005% max	<0.005%
6	Sulphate (SO <sub>4</sub> )	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 <sub>3</sub> )	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]

HEAD-QUALITY ASSUARANCE  
(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



**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**