

CERTIFICATE OF ANALYSIS

PRODUCT NAME : ETHYLENE GLYCOL AR 99%
(1,2-ETHANEDIOL) (M.E.G)

CAS No : 107-21-1
Mol. Formula : C₂H₆O₂
Mol. WT : 62.07
Date of analysis : 16/05/24

Product code : 23165
Batch No : MCAR-00146
Mfd. : May 2024
Exp. : April 2029

S.R	Test	Specification	Observation
1	Description	A clear colourless slightly viscous liquid.	A clear colourless slightly viscous liquid.
2	Assay (GC)	99 % min	99.91%
3	Wt.per ml (at 20 ⁰ c)	1.112 – 1.114g	1.113g
4	Refractive index	1.431 - 1.432	1.431
5	Insoluble matter	Passes test	Passes test
6	Acidity (CH ₃ COOH)	0.0005% max	< 0.0005%
7	Sulphated ash	0.003% max	0.002%
8	Chloride (Cl)	0.00002% max	<0.00002%
9	Sulphate (SO ₄)	0.002% max	< 0.002%
10	Copper (Cu)	0.0001% max	< 0.0001%
11	Iron (Fe)	0.0001% max	< 0.0001%
12	Lead (Pb)	0.0001% max	< 0.0001%
13	Water	0.1% max	0.07%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



CHEMIST
(Asmita)

[QC Incharge]



HEAD-QUALITY ASSURANCE
(G.G.Salian)

Note: Computer generated image requires no sign.

MOLYCHEM H.Q. : Maker Tower 'E', 41-A2, 4th Floor, Above Maker Arcade, Cuffe Parade, Mumbai 400 005 (INDIA)

Tel. : +91 22 4066 8111 • Email: info@molychem.net • Web: www.molychem.net

Reg. Office : 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai - 400 002 (INDIA)

Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.