

CERTIFICATE OF ANALYSIS

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

CAS No	: 107-21-1	Product code	: 23165
Mol. Formula	: C ₂ H ₆ O ₂	Batch No	: MCAR-01781
Mol. WT	: 62.07	Mfd.	: June 2025
Date of analysis	: 28/06/25	Exp.	: May 2030

S.R	Test	Specification	Observation
1	Description	A clear colourless slightly viscous liquid.	A clear colourless slightly viscous liquid.
2	Assay (GC)	99 % min	99.93%
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	0.06%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



CHEMIST
(Durvas)



[QC Incharge]



HEAD-QUALITY ASSURANCE
(G.G.Salian)

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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.