



CERTIFICATE OF ANALYSIS

PRODUCT NAME : 1,2-DICHLOROETHANE AR 99%
(Ethylene Dichloride) (EDC)

CAS No : 107-06-2
Mol. Formula : C₂H₄Cl₂
Mol. WT : 98.96
Date of analysis : 04/01/24

Product code : 22945
Batch No : MCRT-27213-02
Mfd. : Jan. 2024
Exp. : Dec. 2028

S. R	Test	Specification	Observation
1	Description	A clear colourless liquid.	A clear colourless liquid.
2	Assay (GC)	99 % min	99.93%
3	Wt. per ml (at 20 ⁰ c)	1.252-1.254g	1.253g
4	Refractive index (n) ²⁰ _D	1.443-1.445	1.444
5	Water	0.03% max	0.02%
6	Non Volatile Matter	0.002% max	0.0008%
7	Free chlorine(Cl)	0.0001% max	< 0.0001%
8	Substance reducing permanganate (O)	0.0001% max	< 0.0001%
9	Copper (Cu)	0.0001% max	< 0.0001%
10	Iron (Fe)	0.0001% max	< 0.0001%
11	Lead (Pb)	0.0001% max	< 0.0001%

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.

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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.

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