

CERTIFICATE OF ANALYSIS

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

CAS No : 107-06-2
Mol. Formula : C₂H₄Cl₂
Mol. WT : 98.96
Date of analysis : 15/05/25

Product code : 22945
Batch No : MCAR-01598
Mfd. : May 2025
Exp. : April 2030

S.R	Test	Specification	Observation
1	Description	A clear colourless liquid.	A clear colourless liquid.
2	Assay (GC)	99 % min	99.98%
3	Wt. per ml (at 20⁰c)	1.252 - 1.254g	1.253g
4	Refractive index (n)²⁰_D	1.443 - 1.445	1.444
5	Water	0.03% max	0.01%
6	Non Volatile Matter	0.002% max	0.001%
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]



CHEMIST
(Deepa)



[QC Incharge]



HEAD-QUALITY ASSURANCE
(G.G.Salian)

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