

CERTIFICATE OF ANALYSIS

PRODUCT NAME : PROPYLENE GLYCOL AR

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|-------------------------|--|---------------------|--------------|
| CAS No | : 57-55-6 | Product code | : 25183 |
| Mol. Formula | : CH ₃ .CH(OH).CH ₂ OH | Batch No | : MCAR-01100 |
| Mol. WT | : 76.10 | Mfd. | : Jan. 2025 |
| Date of analysis | : 15/01/25 | Exp. | : Dec. 2029 |

| S.R | Test | Specification | Observation |
|-----|---|-------------------------------------|-------------------------------------|
| 1 | Description | A clear colourless viscous liquid . | A clear colourless viscous liquid . |
| 2 | Assay | 99 % min | 99.89% |
| 3 | Wt. per ml (at 20^oc) | 1.035-1.037 g | 1.036g |
| 4 | Refractive index(n)²⁰_D | 1.431 – 1.433 | 1.432 |
| 5 | Chloride (Cl) | 0.005% max | <0.005% |
| 6 | Sulphate (SO₄) | 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 NH₃) | 0.0015%max | <0.0015% |
| 10 | Water | 0.2% max | 0.12% |
| 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]



**CHEMIST
(Durvas)**



[QC Incharge]



**HEAD-QUALITY ASSURANCE
(G.G.Salian)**

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