



**SISCO
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Certificate of Analysis

| | |
|---------------------------------|--|
| Product | 95361 - Ethylene Glycol (MEG, Monoethylene Glycol) extrapure AR, 99% - [107-21-1] |
| Batch No | 7836214 |
| Analysis Date | 20-Mar-2024 |
| Date of Manufacture | March 2024 |
| Expiry Date/Re-Test Date | March 2029 |
| Molecular Formula | C ₂ H ₆ O ₂ |
| Molecular Weight | 62.07 |

| Test Parameters | Standards | Actual Results |
|---|---------------|----------------|
| Appearance (Clarity) | Clear | Clear |
| Appearance (Colour) | Colourless | Colourless |
| Appearance (Form) | Liquid | Liquid |
| Colour (APHA) | max. 10 | Passes |
| Assay (GC) | min. 99% | 99.96% |
| Density (g/ml) @ 20°C | 1.112-1.114 | 1.112 |
| Refractive Index (20°C) | 1.431-1.432 | 1.431 |
| Boiling Range | 195-197°C | Passes |
| Sulphated Ash | max. 0.005% | 0.002% |
| Acidity (CH ₃ COOH) | max. 0.0005% | 0.0004% |
| Substance Discoloured by H ₂ SO ₄ | Passes test | Passes |
| Chloride (Cl) | max. 0.00002% | Passes |
| Sulphate (SO ₄) | max. 0.002% | Passes |
| Iron (Fe) | max. 0.0001% | Passes |
| Heavy Metals (Pb) | max. 0.0001% | Passes |
| Water (KF) | max. 0.1% | 0.1% |

FRM/82/11/2/95361 Rev No. 1 Date 01/11/2015

Prepared by **Sujit**

In compliance with the standard specifications of SRL

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