

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME : MONOTHIOGLYCEROL 98% AR**  
(3- Mercapto-1,2- propanediol)

**CAS No : 96-27-5**  
**Mol. Formula : C<sub>3</sub>H<sub>8</sub>O<sub>2</sub>S**  
**Mol. WT : 108.15**  
**Date of analysis : 26/04/25**

**Product code : 24330**  
**Batch No : MCR-33845**  
**Mfd. : April 2025**  
**Exp. : March 2030**

| S.R | Test                                       | Specification          | Observation            |
|-----|--------------------------------------------|------------------------|------------------------|
| 1   | <b>Description</b>                         | A clear viscous liquid | A clear viscous liquid |
| 2   | <b>Color Alpha</b>                         | NMT 10                 | 5                      |
| 3   | <b>Assay (iodometric)</b>                  | 98% min                | 99.15%                 |
| 4   | <b>pH value 10% w/v in water</b>           | 3.5 – 7.00             | 5.10                   |
| 5   | <b>Specific gravity at 25<sup>0</sup>C</b> | 1.2410 – 1.2500        | 1.2482                 |
| 6   | <b>Refractive Index at 25<sup>0</sup>C</b> | 1.5210 – 1.5260        | 1.5244                 |
| 7   | <b>Residue on ignition</b>                 | max. 0.1%              | 0.07%                  |
| 8   | <b>Iron (Fe)</b>                           | max. 10 ppm            | <10 ppm                |
| 9   | <b>Heavy metals (as Pb)</b>                | max. 20 ppm            | <20 ppm                |

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

**[Tested By]**



**CHEMIST  
(Shruti)**



**[QC Incharge]**



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

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