

Certificate of Analysis

Date of Testing: 2023-05-24 11:12:18
Date of Next Testing: 2027-05-23 11:12:18
Product Name: **Tetraethylene glycol dimethyl ether**
CAS Number: 143-24-8
Specifications & Purity: 99%
Lot #: E2311257
SKU #: **T111150**
Analysis: 216818
Storage Temperature: Argon charged

| Parameter | Limit Values | Result |
|---|-----------------------|-----------------------|
| Purity(GC) | 99-100 (%) | 99.17 % |
| Water by Karl Fischer | 0-1 (%) | 0.15 % |
| Peroxide(as H ₂ O ₂) | 0-50 (ppm) | 2.58 ppm |
| Density (20°C) | 1.012-1.014 | 1.01 |
| Refractive index n ₂₀ /D | 1.432-1.434 | 1.43 |
| Appearance (T111150) | Colorless liquid | Colorless liquid |
| Solubility in H ₂ O , Colorless,Clear to Slightly Hazy,1:1 V/V | pass | Pass |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |



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QA & QC Manager