

Certificate of Analysis

Date of Testing: 2024-10-29 18:45:04

Date of Next Testing: 2028-10-28 18:45:04

Product Name: **Tetraethylene glycol dimethyl ether**

CAS Number: 143-24-8

Specifications & Purity: $\geq 99\%$

Lot #: J2418574

SKU #: **T111150**

Version: **0**

Analysis #: **417669**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.48 %
Water by Karl Fischer	0-1 (%)	0.02 %
Peroxide(as H ₂ O ₂)	0-50 (ppm)	0.00 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



John Su
QA & QC Manager