

Certificate of Analysis

Date of Testing: 2024-05-24 14:45:36
Date of Next Testing: 2028-05-23 14:45:36
Product Name: **Tetraethylene glycol dimethyl ether**
CAS Number: 143-24-8
Specifications & Purity: $\geq 99\%$
Lot #: E2420406
SKU #: **T111150**
Version: **0**
Analysis #: **357256**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.69%
Water by Karl Fischer	0-1 (%)	0.16%
Peroxide(as H ₂ O ₂)	0-50 (ppm)	12.46 ppm
Refractive index n ₂₀ /D	1.432-1.434	1.43
Density (20°C)	1.012-1.014	1.01
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