

## Certificate of Analysis

Date of Testing: 2023-01-10 14:18:41  
Date of Next Testing: 2027-01-09 14:18:41  
Product Name: **Tetraethylene glycol dimethyl ether**  
CAS Number: 143-24-8  
Specifications & Purity: 99%  
Lot #: A2306166  
SKU #: **T111150**  
**Analysis:** **051765**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.57 %
Water by Karl Fischer	0-1 (%)	0.02 %
Peroxide(as H <sub>2</sub> O <sub>2</sub> )	0-50 (ppm)	0.60 ppm
Density (20°C)	1.012-1.014	1.01
Refractive index n <sub>20</sub> /D	1.432-1.434	1.43
Appearance (T111150)	Colorless liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , Colorless,Clear to Slightly Hazy,1:1 V/V	pass	Pass



John Su  
QA & QC Manager