

Certificate of Analysis

Date of Testing: 2024-12-16 17:37:41

Date of Next Testing: 2026-12-06 17:37:41

Product Name: **Ethylene glycol dimethyl ether**

CAS Number: 110-71-4

Specifications & Purity: AR, $\geq 99.5\%$ (GC)

Lot #: L2410282

SKU # **E104388**

Version **1**

Analysis #: **239031**

Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Refractive index n _{20/D}	1.379-1.382	1.38
Assay	99.5-100 (%)	99.92 %
Evaporation Residue	0-0.002 (mg/L)	0.00 mg/L
Water by Karl Fischer	0-0.1 (%)	0.02 %
Acidity and alkalinity test	pass	Pass
Boiling range, 84-86°C	Conforms	Conforms
Density , 0.8683g/mL (20°C)	pass	Pass
Solubility in EtOH	pass	Pass



John Su
QA & QC Manager