

Certificate of Analysis

Date of Testing: 2022-08-24 13:44:18
Date of Next Testing: 2024-08-13 13:44:18
Product Name: **Ethylene glycol dimethyl ether**
CAS Number: 110-71-4
Specifications & Purity: AR, ≥99.5%(GC)
Lot #: H2220011
SKU #: **E104388**
Version: **1**
Analysis #: **128301**
Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.379-1.382	1.38
Assay	99.5-100 (%)	99.91%
Evaporation Residue	0-0.002 (mg/L)	0.00 mg/L
Water by Karl Fischer	0-0.1 (%)	0.01%
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