

Certificate of Analysis

Date of Testing: 2025-03-06 15:50:18

Date of Next Testing: 2027-02-24 15:50:18

Product Name: **Ethylene glycol dimethyl ether**

CAS Number: 110-71-4

Specifications & Purity: AR, ≥99.5%(GC)

Lot #: C2503107

SKU #: **E104388**

Version: **2**

Analysis #: **482606**

Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.379-1.382	1.38
Assay	99.5-100 (%)	99.93 %
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
Density , 0.8683g/mL (20°C)	pass	Pass
Solubility in EtOH	pass	Pass
Appearance(E104388)	Colorless liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager