

## Certificate of Analysis

Date of Testing: 2023-06-13 15:02:02  
Date of Next Testing: 2025-06-02 15:02:02  
Product Name: **Ethylene glycol dimethyl ether**  
CAS Number: 110-71-4  
Specifications & Purity: 99.5%(GC)  
Lot #: F23021043  
SKU #: **E104388**  
**Analysis:** **240613**  
Storage Temperature: Room temperature,Desiccated

Parameter	Limit Values	Result
Refractive index n <sub>20</sub> /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