

Certificate of Analysis

Date of Testing: 2024-11-23 11:40:46

Date of Next Testing: 2028-11-22 11:40:46

Product Name: **Ethylene glycol diethyl ether**

CAS Number: 629-14-1

Specifications & Purity: CP, ≥95%

Lot #: K2420111

SKU #: **E103987**

Version: **0**

Analysis #: **440144**

Storage Temperature: Protected from light, Desiccated

Parameter	Limit Values	Result
Water by Karl Fischer	0-0.3 (%)	0.00 %
Density (20°C)	0.842-0.846	0.85
Refractive index n ₂₀ /D	1.391-1.395	1.39
Evaporation Residue	0-0.005 (%)	0.00 %
Purity(GC)	95-100 (%)	99.65 %
Appearance (E103987)	Colorless to light yellow liquid	Colorless to light yellow liquid
Acidity (mmol per 100g)	≤0.17	≤0.17
Boiling range, 119-122°C	Conforms	Conforms
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in EtOH, clear, 50mg/ml	pass	Pass



John Su
QA & QC Manager