

Certificate of Analysis

Date of Testing: 2024-04-24 14:05:36

Date of Next Testing: 2028-04-23 14:05:36

Product Name: **Ethylene glycol diethyl ether**

CAS Number: 629-14-1

Specifications & Purity: reagent grade,95%

Lot #: D2412081

SKU #: **E103987**

Analysis: **350393**

Storage Temperature: Protected from light,Desiccated

Parameter	Limit Values	Result
Water by Karl Fischer	0-0.3 (%)	0.02 %
Density (20°C)	0.842-0.846	0.84
Refractive index n ₂₀ /D	1.391-1.395	1.39
Evaporation Residue	0-0.005 (%)	0.00 %
Purity(GC)	95-100 (%)	99.73 %
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