

## Certificate of Analysis

Date of Testing: 2023-12-06 16:54:27  
Date of Next Testing: 2027-12-05 16:54:27  
Product Name: **Ethylene glycol butyl ether**  
CAS Number: 111-76-2  
Specifications & Purity: Analytical Reagent,99.0%  
Lot #: L2304176  
SKU #: **E110827**  
Analysis: **297572**

Parameter	Limit Values	Result
Acidity (CH <sub>3</sub> COOH)	0-0.01 (%)	0.00 %
Purity(GC)	99-100 (%)	99.61 %
Refractive index n <sub>20</sub> /D	1.417-1.421	1.42
Water by Karl Fischer	0-0.1 (%)	0.02 %
Density (20°C)	0.9-0.904	0.90
Appearance (E110827)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager