

## Certificate of Analysis

Date of Testing: 2022-12-06 18:09:00  
Date of Next Testing: 2024-12-05 18:09:00  
Product Name: **Glycerol 1,2-Carbonate**  
CAS Number: 931-40-8  
Specifications & Purity: >90.0%(GC)  
Lot #: L2201852  
SKU #: **G156799**  
Version: **1**  
Analysis #: **130449**  
Storage Temperature: Protected from light

Parameter	Limit Values	Result
Refractive index n <sub>20</sub> /D	1.457-1.461	1.46
Purity(HNMR)	90-100 (%)	95.60 %
Purity(GC)	90-100 (%)	92.38 %
Appearance (G156799)	Colorless to light yellow liquid	Colorless to light yellow liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager