

## Certificate of Analysis

Date of Testing: 2023-02-19 17:24:56  
Date of Next Testing: 2027-02-18 17:24:56  
Product Name: **N-n-Octyl-D-glucamine**  
CAS Number: 23323-37-7  
Specifications & Purity: 98%  
Lot #: B2314181  
SKU #: **O124552**  
**Analysis: 189730**

Parameter	Limit Values	Result
Purity(NonaqueousTitration)	98-100 (%)	98.20%
Specific Rotation $[\alpha]_{20}^D(c=0.5 \text{ in MeOH})$	-22--16 (°)	-21.10°
Purity(HPLC)	98-100 (%)	99.74000%
Appearance (O124552)	White Powder, Crystals and/or Chunks	White Powder, Crystals and/or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in MeOH , Colorless Clear,10 mg/ml	pass	Pass



John Su  
QA & QC Manager