

Certificate of Analysis

Date of Testing: 2022-02-23 11:50:52
Date of Next Testing: 2026-02-22 11:50:52
Product Name: **N-n-Octyl-D-glucamine**
CAS Number: 23323-37-7
Specifications & Purity: 98%
Lot #: D1819129
SKU #: **O124552**
Analysis: **077046**

Parameter	Limit Values	Result
Purity(NonaqueousTitration)	98-100 (%)	98.20%
Specific Rotation $[\alpha]_{20}^D(c=0.5 \text{ in MeOH})$	-22--16 (°)	-19.23°
Purity(HPLC)	98-100 (%)	99.79200%
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