

Certificate of Analysis

Date of Testing: 2024-04-20 11:57:15
Date of Next Testing: 2028-04-19 11:57:15
Product Name: **N-n-Octyl-D-glucamine**
CAS Number: 23323-37-7
Specifications & Purity: 98%
Lot #: D2412327
SKU #: **O124552**
Analysis: **335048**

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20}^D(c=0.5 \text{ in MeOH})$	-22--16 (°)	-16.58°
Purity(Nonaqueous Titration)	98-100 (%)	98.60%
Purity(HPLC)	98-100 (%)	98.20000%
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance (O124552)	White Powder, Crystals and/or Chunks	White Powder, Crystals and/or Chunks
Solubility in MeOH , Colorless Clear, 10 mg/ml	pass	Pass



John Su
QA & QC Manager