

Certificate of Analysis

Date of Testing: 2022-08-09 18:44:22
Date of Next Testing: 2026-08-08 18:44:22
Product Name: **N-Acetyl-D-glucosamine**
CAS Number: 7512-17-6
Specifications & Purity: 97%
Lot #: H2204256
SKU #: **A105212**
Analysis: 122881
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation [α] _D ²⁰ (c=1 in H ₂ O)	39-43 (°)	41.32°
Purity(HPLC)	97-100 (%)	98.10000 %
Appearance (A105212)	White to Off-White Powder or Solid or Chunks	White to Off-White Powder or Solid or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , colorless to faint yellow clear to hazy,50mg/ml	pass	Pass



John Su
QA & QC Manager