

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-09-23 16:30:50
Date of Next Testing: 2028-09-22 16:30:50
Product Name: **N-Acetyl-D-glucosamine**
CAS Number: 7512-17-6
Specifications & Purity: 97%
Lot #: I2412091
SKU #: **A105212**
Version: **0**
Analysis #: **414293**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in H}_2\text{O})}$	39-43 (°)	41.51°
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