

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-09-23 16:31:21  
Date of Next Testing: 2028-09-22 16:31:21  
Product Name: **N-Acetyl-D-glucosamine**  
CAS Number: 7512-17-6  
Specifications & Purity: 97%  
Lot #: I2412092  
SKU #: **A105212**  
Version: **0**  
Analysis #: **414293**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific Rotation [α] <sub>20</sub> /D(c=1 in H <sub>2</sub> 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 <sub>2</sub> O , colorless to faint yellow clear to hazy,50mg/ml	pass	Pass



John Su  
QA & QC Manager