

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-28 14:57:15
 Date of Next Testing: 2027-02-27 14:57:15
 Product Name: **N-Acetyl-D-glucosamine**
 CAS Number: 7512-17-6
 Specifications & Purity: 98%
 Lot #: B2322247
 SKU #: **A105211**
Analysis: **192602**
 Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.10000 %
Loss on drying	0-1 (%)	0.10 %
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	39-43 (°)	41.32°
Sulfate Ash	0-1 (%)	0.50 %
Heavy metal (as Pb)	0-50 (ppm)	10.00 ppm
Appearance (A105211)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
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