

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-19 15:06:01
 Date of Next Testing: 2027-05-18 15:06:01
 Product Name: **N-Acetyl-D-glucosamine**
 CAS Number: 7512-17-6
 Specifications & Purity: 98%
 Lot #: E2308207
 SKU #: **A105211**
Analysis: **208211**
 Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Loss on drying	0-1 (%)	0.10 %
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	39-43 (°)	42.63°
Sulfate Ash	0-1 (%)	0.36 %
Heavy metal (as Pb)	0-50 (ppm)	2.60 ppm
Purity(HPLC)	98-100 (%)	98.10000 %
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance (A105211)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Solubility in H ₂ O , colorless to faint yellow clear to hazy, 50mg/ml	pass	Pass



John Su
QA & QC Manager