

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-06-02 13:21:57
Date of Next Testing: 2030-06-01 13:21:57
Product Name: **N-Acetyl-D-glucosamine**
CAS Number: 7512-17-6
Specifications & Purity: $\geq 98\%$
Lot #: E2625023
SKU #: **A105211**
Version: **1**
Analysis #: **632052**
Storage Temperature: Store at -20°C , Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.30000 %
Loss on drying	0-1 (%)	0.39000 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O})$	39-43 ($^{\circ}$)	42.27000 $^{\circ}$
Heavy metal (as Pb)	0-50 (ppm)	0.00000 ppm
Appearance (A105211)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
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