

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-07-21 11:50:56  
Date of Next Testing: 2026-07-20 11:50:56  
Product Name: **N-Acetyl-D-glucosamine**  
CAS Number: 7512-17-6  
Specifications & Purity: Cell culture grade, 98% or more  
Lot #: G2214105  
SKU #: **A118965**  
**Analysis:** **099083**  
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation [a] <sub>D</sub> 20/D(c=1 in H <sub>2</sub> O)	39-43 (°)	42.08°
Purity(HPLC)	98-100 (%)	99.21700%
UV Absorbance 280nm	0-0.06	0.02
Appearance (A118965)	White to Off-White Powder	White to Off-White Powder
Solubility in H <sub>2</sub> O , Colorless to Faint Yellow Clear ,50 mg/mL, H <sub>2</sub> O	pass	Pass



John Su  
QA & QC Manager