

Certificate of Analysis

Date of Testing: 2023-03-04 16:49:33
Date of Next Testing: 2027-03-03 16:49:33
Product Name: **N-Acetyl-D-glucosamine**
CAS Number: 7512-17-6
Specifications & Purity: Cell culture grade, 98% or more
Lot #: C2301590
SKU #: **A118965**
Analysis: **099083**
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ 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 ₂ O , Colorless to Faint Yellow Clear ,50 mg/mL, H ₂ O	pass	Pass



John Su
QA & QC Manager