

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-06-29 10:44:43
 Date of Next Testing: 2030-06-28 10:44:43
 Product Name: **D(+)-Glucosamine hydrochloride**
 CAS Number: 66-84-2
 Specifications & Purity: for cell culture, ≥99%
 Lot #: F2617074
 SKU #: **G119456**
 Version: **1**
 Analysis #: **732307**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(HPLC with pulsed amperometric detection)	99-100 (%)	99.02700 %
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)(after 20hours)	70-74 (°)	72.66100 °
Appearance (G119456)	white powder	White powder
Cell Culture Test	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , clear colorless , 100mg/ml in water	pass	Pass



John Su
QA & QC Manager