

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-15 17:16:35

Date of Next Testing: 2029-07-14 17:16:35

Product Name: **D(+)-Glucosamine hydrochloride**

CAS Number: 66-84-2

Specifications & Purity: for cell culture, ≥99%

Lot #: G2504076

SKU #: **G119456**

Version: **1**

Analysis #: **544276**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(HPLC with pulsed amperometric detection)	99-100 (%)	99.59200 %
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)(after 20hours)	70-74 (°)	70.83800 °
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