

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-03 13:45:06

Date of Next Testing: 2029-12-02 13:45:06

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

CAS Number: 66-84-2

Specifications & Purity: for cell culture, ≥99%

Lot #: K2527501

SKU #: **G119456**

Version: **1**

Analysis #: **608426**

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
Solubility in H ₂ O , clear colorless , 100mg/ml in water	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager