

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

Certificate of Analysis

Date of Testing: 2026-03-18 11:54:13

Date of Next Testing: 2030-03-17 11:54:13

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

CAS Number: 66-84-2

Specifications & Purity: for cell culture, ≥99%

Lot #: C2610023

SKU #: **V33857**

Version: **0**

Analysis #: **677055**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(HPLC with pulsed amperometric detection)	99-100 (%)	99.03 %
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)(after 20hours)	70-74 (°)	72.66 °
Purity(Titration by HClO ₄)	98.5-101.5 (%)	100.02 %
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
Appearance(V33857)	white powder	White powder

Quality Assurance : Xiaoyong Tan

Quality Control : Yunfei Zhu

