

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Specification Sheet

Product Name: **D(+)-Glucosamine hydrochloride**  
Specifications & Purity:  $\geq 99\%$ , for cell culture  
SKU #: **G119456**

Parameter	Limit Values
Purity(HPLC with pulsed amperometric detection)	99-100 (%)
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in H}_2\text{O})}$ (after 20hours)	70-74 ( $^\circ$ )
Purity(Titration by HClO <sub>4</sub> )	98.5-101.5 (%)
Appearance (G119456)	white powder
Cell Culture Test	pass
Infrared spectrum	Conforms to Structure
Solubility in H <sub>2</sub> O , clear colorless , 100mg/ml in water	pass