

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-04-25 11:43:09
Date of Next Testing: 2027-04-24 11:43:09
Product Name: **D-Glucosamine sulphate**
CAS Number: 29031-19-4
Specifications & Purity: 98%
Lot #: D2318667
SKU #: **G117990**
Analysis: 165114

Parameter	Limit Values	Result
Loss on drying	0-0.5 (%)	0.00 %
Specific Rotation $[\alpha]_{20/D}(c=3.5 \text{ in H}_2\text{O in Standing 24h})$	52-54 ($^{\circ}$)	53.55 $^{\circ}$
Heavy metals	0-0.001 (%)	0.00 %
Purity(HPLC)	98-100 (%)	99.10600 %
Appearance (G117990)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager