

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-20 13:43:32

Date of Next Testing: 2027-05-20 13:43:32

Product Name: **D-Glucamine**

CAS Number: 488-43-7

Specifications & Purity: $\geq 95\%$

Lot #: H2308445

SKU #: **D133455**

Version: **0**

Analysis #: **511193**

Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	99.20000 %
Specific Rotation $[\alpha]_{20/D(c=10 \text{ in H}_2\text{O})}$	-8--5 (°)	-7.60 °
Appearance (D133455)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager