

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-06-03 10:19:43

Date of Next Testing: 2030-06-02 10:19:43

Product Name: **β -D-Glucosamine pentaacetate**

CAS Number: 7772-79-4

Specifications & Purity: $\geq 98\%$

Lot #: E2628150

SKU #: **A111893**

Version: **0**

Analysis #: **716908**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=5 \text{ in CHCL}_3)$	1-3.5 (°)	2.51200°
Purity(HPLC)	98-100 (%)	99.94000 %
Melting point	185-189 (°C)	188.90000 °C
Appearance (A111893)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
NMR (1H-NMR)	complies	complies



John Su
QA & QC Manager