

Certificate of Analysis

Date of Testing: 2023-02-28 20:44:45

Date of Next Testing: 2027-02-27 20:44:45

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

CAS Number: 7772-79-4

Specifications & Purity: 98%

Lot #: B2325239

SKU #: A111893

Analysis: 095083

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Specific Rotation [a] _D (c=5 in CHCL ₃)	1-3.5 (°)	2.52 °
Purity(HPLC)	98-100 (%)	99.94200 %
Melting point	185-189 (°C)	188.99000 °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