

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-02 17:40:07

Date of Next Testing: 2027-03-01 17:40:07

Product Name: **D(+)-Altrose**

CAS Number: 1990-29-0

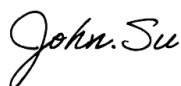
Specifications & Purity: 99%

Lot #: B2325237

SKU #: **A111909****Analysis:** **073887**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.74400 %
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in H}_2\text{O})}$	31-35 (°)	31.01°
Appearance (A111909)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Carbon NMR Spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".John Su
QA & QC Manager