

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-05-28 14:11:14

Date of Next Testing: 2026-05-27 14:11:14

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

CAS Number: 1990-29-0

Specifications & Purity: $\geq 99\%$

Lot #: E2225016

SKU #: **A111909**

Version: **0**

Analysis #: **073887**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.74400 %
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in } H_2O)}$	31-35 (°)	31.01000 °
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



John Su
QA & QC Manager