

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-17 14:58:54

Date of Next Testing: 2027-11-17 14:58:54

Product Name: **D-(+)-Trehalose Anhydrous**

CAS Number: 99-20-7

Specifications & Purity: $\geq 99\%$

Lot #: K2512116

SKU #: **D110019**

Version: **2**

Analysis #: **534260**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.10000 %
Water by Karl Fischer	0-0.3 (%)	0.00000 %
Specific Rotation $[\alpha]_{20/D}(c=7 \text{ in H}_2\text{O})$	194-200 ($^{\circ}$)	195.20000 $^{\circ}$
Melting point	200-208 ($^{\circ}\text{C}$)	203.80000 $^{\circ}\text{C}$
Appearance (D110019)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O	Almost transparency	almost transparency



John Su
QA & QC Manager