

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-09-05 09:17:18

Date of Next Testing: 2028-09-04 09:17:18

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

CAS Number: 99-20-7

Grades & Purity: $\geq 99\%$

Lot #: I2601541

SKU #: **D110019**

Version: **2**

Analysis #: **762423**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-1 (%)	0.21000 %
Purity(HPLC)	99-100 (%)	99.10000 %
Specific Rotation $[\alpha]_{20/D(c=7 \text{ in H}_2\text{O})}$	194-200 ($^{\circ}$)	196.00000 $^{\circ}$
Melting point	200-208 ($^{\circ}\text{C}$)	203.50000 $^{\circ}\text{C}$
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