

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-01-05 11:01:01
 Date of Next Testing: 2028-01-05 11:01:01
 Product Name: **D-(+)-Trehalose Anhydrous**
 CAS Number: 99-20-7
 Specifications & Purity: $\geq 99\%$
 Lot #: L2524288
 SKU #: **D110019**
 Version: **2**
 Analysis #: **627363**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-1 (%)	0.12000 %
Purity(HPLC)	99-100 (%)	99.30000 %
Specific Rotation $[\alpha]_{20/D}(c=7 \text{ in H}_2\text{O})$	194-200 ($^{\circ}$)	195.20000 $^{\circ}$
Melting point	200-208 ($^{\circ}\text{C}$)	205.80000 $^{\circ}\text{C}$
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