

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-02-18 11:39:57
 Date of Next Testing: 2027-02-18 11:39:57
 Product Name: **D-(+)-Trehalose Anhydrous**
 CAS Number: 99-20-7
 Specifications & Purity: $\geq 99\%$
 Lot #: B2514220
 SKU #: **D110019**
 Version: **2**
 Analysis #: **463719**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.10000 %
Melting point	200-208 (°C)	205.20000 °C
Specific Rotation $[\alpha]_{20/D(c=7 \text{ in H}_2\text{O})}$	194-200 (°)	196.31000 °
Water by Karl Fischer	0-1 (%)	0.35000 %
Appearance (D110019)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Solubility in H ₂ O	Almost transparency	almost transparency
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager