

Certificate of Analysis

Date of Testing: 2024-07-08 10:33:11
Date of Next Testing: 2026-07-08 10:33:11
Product Name: **D-(+)-Trehalose Anhydrous**
CAS Number: 99-20-7
Specifications & Purity: 99%
Lot #: A2219410
SKU #: **D110019**
Version: **0**
Analysis #: **377696**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.60400 %
Water by Karl Fischer	0-0.3 (%)	0.29 %
Specific Rotation [α] ₂₀ /D(c=7 in H ₂ O)	194-200 (°)	194.71 °
Melting point	200-208 (°C)	206.38000 °C
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