

## Certificate of Analysis

Date of Testing: 2024-02-20 10:52:50  
Date of Next Testing: 2026-02-19 10:52:50  
Product Name: **D-(+)-Trehalose Anhydrous**  
CAS Number: 99-20-7  
Specifications & Purity: 99%  
Lot #: D2228168  
SKU #: **D110019**  
**Analysis:** **321045**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.10000 %
Water by Karl Fischer	0-0.3 (%)	0.11 %
Specific Rotation [a] <sub>20</sub> /D(c=7 in H <sub>2</sub> O)	194-200 (°)	196.20 °
Melting point	200-208 (°C)	203.40000 °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 <sub>2</sub> O	Almost transparency	almost transparency



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QA & QC Manager