

Certificate of Analysis

Date of Testing: 2022-12-13 18:12:32
Date of Next Testing: 2024-12-02 18:12:32
Product Name: **D-(+)-Maltose monohydrate**
CAS Number: 6363-53-7
Specifications & Purity: analytical standard
Lot #: C2113094
SKU #: **M104817**
Analysis: **167540**
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Specific Rotation [a] _D 20/D(c=10 in H ₂ O)(after drying)	129-131 (°)	130.20°
Purity(HPLC)	99-100 (%)	99.15200%
Water by Karl Fischer	4.8-5.8 (%)	5.20%
Appearance (M104817)	white crystal or crystal powder	white crystal or crystal powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager