

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-01-14 10:18:52
 Date of Next Testing: 2025-01-03 10:18:52
 Product Name: **D-(+)-Maltose monohydrate**
 CAS Number: 6363-53-7
 Specifications & Purity: analytical standard
 Lot #: A2309347
 SKU #: **M104817**
 Version: **0**
 Analysis #: **172583**
 Storage Temperature: Room temperature, Argon charged, Desiccated

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.85600 %
Water by Karl Fischer	4.8-5.8 (%)	5.09640 %
Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in H}_2\text{O})$ (after drying)	129-131 (°)	130.97600 °
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