

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-11-29 13:38:42

Date of Next Testing: 2027-11-28 13:38:42

Product Name: **D-(+)-Maltose monohydrate**

CAS Number: 6363-53-7

Specifications & Purity: AR, ≥97%

Lot #: K2323059

SKU #: **M104815**

Version: **1**

Analysis #: **300224**

Storage Temperature: Room temperature, Argon charged, Desiccated

Parameter	Limit Values	Result
(As)Arsenic	0-0.0001 (%)	0.00000 %
Sulfate Ash	0-0.1 (%)	0.00000 %
Purity(HPLC)	97-100 (%)	98.30000 %
Glucose (TLC)	0-1 (%)	0.10000 %
Heavy metal (as Pb)	0-0.001 (%)	0.00000 %
Water by Karl Fischer	4.8-5.8 (%)	5.10000 %
Specific Rotation [α] _{20/D} (c=10 in H ₂ O)(after drying)	126-132 (°)	129.20000 °
Appearance (M104815)	white crystal or crystal powder	white crystal or crystal powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager