

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-07-15 09:38:35

Date of Next Testing: 2028-07-14 09:38:35

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

CAS Number: 6363-53-7

Specifications & Purity: AR, ≥97%

Lot #: F2428444

SKU #: **M104815**

Version: **1**

Analysis #: **387652**

Storage Temperature: Room temperature, Argon charged, Desiccated

Parameter	Limit Values	Result
(As)Arsenic	0-0.0001 (%)	0.00002 %
Sulfate Ash	0-0.1 (%)	0.02000 %
Purity(HPLC)	97-100 (%)	99.56000 %
Glucose (TLC)	0-1 (%)	0.20000 %
Heavy metal (as Pb)	0-0.001 (%)	0.00020 %
Water by Karl Fischer	4.8-5.8 (%)	5.77000 %
Specific Rotation [α] ₂₀ /D(c=10 in H ₂ O)(after drying)	135-139 (°)	138.50000 °
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