

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-02-25 11:17:34
Date of Next Testing: 2030-02-24 11:17:34
Product Name: **D-(+)-Maltose monohydrate**
CAS Number: 6363-53-7
Specifications & Purity: AR, ≥97%
Lot #: B2602159
SKU #: **M104815**
Version: **1**
Analysis #: **661988**
Storage Temperature: Room temperature, Argon charged, Desiccated

Parameter	Limit Values	Result
(As)Arsenic	0-0.0001 (%)	0.00 %
Sulfate Ash	0-0.1 (%)	0.01 %
Purity(HPLC)	97-100 (%)	99.76000 %
Glucose (TLC)	0-1 (%)	0.20 %
Heavy metal (as Pb)	0-0.001 (%)	0.00 %
Water by Karl Fischer	4.8-5.8 (%)	5.24 %
Specific Rotation $[\alpha]_{20}^D(c=10 \text{ in H}_2\text{O})(\text{after drying})$	135-139 (°)	137.80 °
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