

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-04-30 13:29:15

Date of Next Testing: 2026-04-29 13:29:15

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

CAS Number: 6363-53-7

Specifications & Purity: $\geq 98\%$ (HPLC)

Lot #: C2215310

SKU #: **M104816**

Version: **1**

Analysis #: **088520**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Glucose	0-0.3 (%)	0.10000 %
Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in H}_2\text{O})$ (after drying)	129-131 (°)	130.00000 °
Maltotriose	0-1 (%)	0.40000 %
Water by Karl Fischer	4.8-5.8 (%)	5.40000 %
Purity(HPLC)	98-100 (%)	98.30000 %
Appearance (M104816)	white crystal or crystal powder	white crystal or crystal powder
Clear colorless solution(50mg/ml,water)	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager