

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-25 13:28:04

Date of Next Testing: 2029-11-24 13:28:04

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

CAS Number: 6363-53-7

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

Lot #: K2517646

SKU #: **M104816**

Version: **1**

Analysis #: **613275**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Glucose	0-0.3 (%)	0.15000 %
Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in H}_2\text{O})$ (after drying)	135-139 (°)	135.27330 °
Water by Karl Fischer	4.8-5.8 (%)	5.62910 %
Purity(HPLC)	98-100 (%)	99.98600 %
Appearance (M104816)	White or almost white powder or crystals	white or almost white powder or crystals
Clear colorless solution(50mg/ml,water)	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager