

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-01 10:30:23
 Date of Next Testing: 2026-11-30 10:30:23
 Product Name: **D-(+)-Maltose monohydrate**
 CAS Number: 6363-53-7
 Specifications & Purity: $\geq 98\%$ (HPLC)
 Lot #: K2229743
 SKU #: **M104816**
 Version: **1**
 Analysis #: **152713**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Glucose	0-0.3 (%)	0.16200 %
Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in H}_2\text{O})$ (after drying)	126-132 (°)	129.20000 °
Maltotriose	0-1 (%)	0.38500 %
Water by Karl Fischer	4.8-5.8 (%)	4.90000 %
Purity(HPLC)	98-100 (%)	98.20000 %
Clear colorless solution(50mg/ml,water)	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance (M104816)	White or almost white powder or crystals	white or almost white powder or crystals



John Su
QA & QC Manager