

ALADDIN SCIENTIFIC CORPORATION
14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-06-05 17:28:13
Date of Next Testing: 2026-06-04 17:28:13
Product Name: **D-(+)-Maltose monohydrate**
CAS Number: 6363-53-7
Specifications & Purity: $\geq 98\%$ (HPLC)
Lot #: F2201012
SKU #: **M104816**
Version: **1**
Analysis #: **000998**
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 ($^{\circ}$)	130.00000 $^{\circ}$
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