

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-05-06 15:39:49

Date of Next Testing: 2028-05-05 15:39:49

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

CAS Number: 6363-53-7

Specifications & Purity: $\geq 92\%$

Lot #: D2417410

SKU #: **M657086**

Version: **1**

Analysis #: **353873**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	92-100 (%)	98.30000 %
Specific Rotation $[\alpha]_{20/D(c=10 \text{ in H}_2\text{O})(\text{dry basis})$	135-139 (°)	135.70000 °
Water by Karl Fischer(before drying)	4.5-6.5 (%)	5.10000 %
Glucose	0-3 (%)	2.80000 %
Appearance(M657086)	white or almost white powder or crystals	white or almost white powder or crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager