

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-09-16 12:24:21

Date of Next Testing: 2026-09-15 12:24:21

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

CAS Number: 10030-67-8

Specifications & Purity: $\geq 99\%$

Lot #: I2212072

SKU # **M106962**

Version **0**

Analysis #: **104723**

Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=4 \text{ in H}_2\text{O})$	86.8-89.2 (°)	87.35600°
Purity(HPLC)	98-100 (%)	99.79500%
Water by Karl Fischer	3.5-6 (%)	4.01640%
Appearance (M106962)	White crystal powder	White crystal powder
Clear colorless solution(50mg/ml,water)	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager