

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-06-24 10:41:46
 Date of Next Testing: 2030-06-23 10:41:46
 Product Name: **D-(+)-Melezitose monohydrate**
 CAS Number: 10030-67-8
 Specifications & Purity: $\geq 99\%$
 Lot #: I2212070
 SKU #: **M106962**
 Version: **0**
 Analysis #: **723763**
 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 (°)	87.35000°
Purity(HPLC)	98-100 (%)	99.79000%
Water by Karl Fischer	3.5-6 (%)	4.01600%
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