

Certificate of Analysis

Date of Testing: 2025-09-04 09:40:47

Date of Next Testing: 2029-09-03 09:40:47

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

CAS Number: 10030-67-8

Specifications & Purity: $\geq 99\%$

Lot #: H2519098

SKU #: **M106962**

Version: **0**

Analysis #: **569637**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=4 \text{ in H}_2\text{O})$	86.8-89.2 (°)	87.36 °
Purity(HPLC)	98-100 (%)	99.79500 %
Water by Karl Fischer	3.5-6 (%)	4.02 %
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