

Certificate of Analysis

Date of Testing: 2024-05-30 08:53:45

Date of Next Testing: 2028-05-29 08:53:45

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

CAS Number: 10030-67-8

Specifications & Purity: 99%

Lot #: E2422131

SKU #: **M106962**

Version: **0**

Analysis #: **362972**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Specific Rotation [α] _{20/D} (c=4 in H ₂ 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