

Certificate of Analysis

Date of Testing: 2022-09-16 12:23:39

Date of Next Testing: 2026-09-15 12:23:39

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

CAS Number: 10030-67-8

Specifications & Purity: 99%

Lot #: I2212071

SKU #: **M106962**

Analysis: **104723**

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

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager