

Certificate of Analysis

Date of Testing: 2025-01-07 13:19:03

Date of Next Testing: 2029-01-06 13:19:03

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

CAS Number: 207511-10-2

Specifications & Purity: $\geq 99\%$

Lot #: F1714015

SKU #: **M120953**

Version: **0**

Analysis #: **458215**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.03580 %
Specific Rotation $[\alpha]_{20/D(c=4 \text{ in H}_2\text{O})}$	86.8-89.2 (°)	87.20 °
Water by Karl Fischer	0-7 (%)	2.30 %
Appearance (M120953)	White powder	White powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility, Colorless and clear(5% in H ₂ O)	pass	Pass



John Su
QA & QC Manager