

Certificate of Analysis

Date of Testing: 2025-09-03 09:44:42
Date of Next Testing: 2029-09-02 09:44:42
Product Name: **D-(+)-Melezitose hydrate**
CAS Number: 207511-10-2
Specifications & Purity: $\geq 99\%$
Lot #: I2501157
SKU #: **M120953**
Version: **0**
Analysis #: **569580**
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.62800 %
Specific Rotation $[\alpha]_{20/D(c=4 \text{ in H}_2\text{O})}$	86.8-89.2 ($^{\circ}$)	89.14 $^{\circ}$
Water by Karl Fischer	0-7 (%)	3.98 %
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