

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-12 10:47:57

Date of Next Testing: 2029-05-11 10:47:57

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

CAS Number: 207511-10-2

Specifications & Purity: $\geq 99\%$

Lot #: F2524079

SKU #: **M120953**

Version: **0**

Analysis #: **508128**

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

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

John Su
QA & QC Manager