

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-02-22 15:43:43  
Date of Next Testing: 2028-02-21 15:43:43  
Product Name: **D-(+)-Melezitose hydrate**  
CAS Number: 207511-10-2  
Specifications & Purity: 99%  
Lot #: D2030026  
SKU #: **M120953**  
**Analysis:** **322577**  
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.73000 %
Specific Rotation [α] <sub>20</sub> /D(c=4 in H <sub>2</sub> O)	86.8-89.2 (°)	88.61°
Water by Karl Fischer	0-7 (%)	3.75 %
Appearance (M120953)	White powder	White powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility,Colorless and clear(5% in H <sub>2</sub> O)	pass	Pass



John Su  
QA & QC Manager