

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-04-12 16:21:04
Date of Next Testing: 2026-04-11 16:21:04
Product Name: **D-(+)-Melezitose hydrate**
CAS Number: 207511-10-2
Specifications & Purity: 99%
Lot #: E1829053
SKU #: **M120953**
Analysis: 086538
Storage Temperature: Store at -20°C

| Parameter | Limit Values | Result |
|---|-----------------------|-----------------------|
| Purity(HPLC) | 99-100 (%) | 99.20000 % |
| Specific Rotation [α] ₂₀ /D(c=4 in H ₂ O) | 86.8-89.2 (°) | 87.80° |
| Water by Karl Fischer | 0-7 (%) | 3.00 % |
| 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