

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-01-24 11:53:33

Date of Next Testing: 2026-01-23 11:53:33

Product Name: **Maltitol**

CAS Number: 585-88-6

Specifications & Purity: $\geq 95\%$

Lot #: A2218595

SKU #: **M113279**

Version: **0**

Analysis #: **061769**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Sulfate Ash	0-0.1 (%)	0.06000 %
Water by Karl Fischer	0-1 (%)	0.50000 %
Reducing sugars	0-0.1 (%)	0.05100 %
Melting point	147-153 (°C)	152.02000 °C
Specific Rotation $[\alpha]_{20/D}(c=5 \text{ in H}_2\text{O})$	105.5-108.5 (°)	105.54000 °
Purity(HPLC)	95-100 (%)	98.58100 %
Appearance (M113279)	White crystal powder	White crystal powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager