

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-06-11 16:16:44

Date of Next Testing: 2028-06-10 16:16:44

Product Name: **Maltitol**

CAS Number: 585-88-6

Specifications & Purity:  $\geq 95\%$

Lot #: F2404298

SKU #: **M113279**

Version: **0**

Analysis #: **336055**

Storage Temperature: Room temperature, Argon charged

| Parameter                                                       | Limit Values          | Result                |
|-----------------------------------------------------------------|-----------------------|-----------------------|
| Sulfate Ash                                                     | 0-0.1 (%)             | 0.00500 %             |
| Water by Karl Fischer                                           | 0-1 (%)               | 0.50000 %             |
| Melting point                                                   | 147-153 (°C)          | 150.32000 °C          |
| Reducing sugars                                                 | 0-0.1 (%)             | 0.02300 %             |
| Purity(HPLC)                                                    | 95-100 (%)            | 98.90000 %            |
| Specific Rotation $[\alpha]_{20/D(c=5 \text{ in H}_2\text{O})}$ | 105.5-108.5 (°)       | 105.51000 °           |
| Appearance (M113279)                                            | White crystal powder  | White crystal powder  |
| Infrared spectrum                                               | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager