

## Certificate of Analysis

Date of Testing: 2024-06-11 16:43:49

Date of Next Testing: 2028-06-10 16:43:49

Product Name: **Maltitol**

CAS Number: 585-88-6

Specifications & Purity:  $\geq 95\%$

Lot #: F2404295

SKU #: **M113279**

Version: **0**

Analysis #: **336055**

Storage Temperature: Argon charged

| Parameter                                                       | Limit Values          | Result                |
|-----------------------------------------------------------------|-----------------------|-----------------------|
| Sulfate Ash                                                     | 0-0.1 (%)             | 0.01 %                |
| Water by Karl Fischer                                           | 0-1 (%)               | 0.50 %                |
| Melting point                                                   | 147-153 (°C)          | 150.32000 °C          |
| Reducing sugars                                                 | 0-0.1 (%)             | 0.02 %                |
| Purity(HPLC)                                                    | 95-100 (%)            | 98.90000 %            |
| Specific Rotation $[\alpha]_{20/D(c=5 \text{ in H}_2\text{O})}$ | 105.5-108.5 (°)       | 105.51 °              |
| Appearance (M113279)                                            | White crystal powder  | White crystal powder  |
| Infrared spectrum                                               | Conforms to Structure | Conforms to Structure |



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