

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

# Certificate of Analysis

Date of Testing: 2025-04-28 15:47:21

Date of Next Testing: 2029-04-27 15:47:21

Product Name: **Maltotriose**

CAS Number: 1109-28-0

Specifications &amp; Purity: Moligand™, ≥96%

Lot #: D2521520

SKU #: **M106947**

Version: **0**

Analysis #: **492029**

Storage Temperature: Store at -20°C

| Parameter                                                                            | Limit Values                          | Result                                |
|--------------------------------------------------------------------------------------|---------------------------------------|---------------------------------------|
| Purity(HPLC)                                                                         | 96-100 (%)                            | 98.40000 %                            |
| Water by Karl Fischer                                                                | 0-6 (%)                               | 2.44000 %                             |
| Specific Rotation [α] <sub>20</sub> /D(c=1 in H <sub>2</sub> O)                      | 160-165 (°)                           | 160.44900 °                           |
| Appearance (M106947)                                                                 | White to Off-White Powder or Crystals | White to Off-White Powder or Crystals |
| Proton NMR spectrum                                                                  | Conforms to Structure                 | Conforms to Structure                 |
| Solubility in H <sub>2</sub> O , Colorless ,Clear ,50 mg/mL in pass H <sub>2</sub> O |                                       | Pass                                  |



John Su  
QA & QC Manager