

Certificate of Analysis

Date of Testing: 2023-02-15 14:44:35

Date of Next Testing: 2027-02-14 14:44:35

Product Name: **Maltotriose hydrate**

CAS Number: 1109-28-0

Specifications & Purity: 96%

Lot #: B2309523

SKU #: **M106947**

Version: **0**

Analysis #: **152363**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	96-100 (%)	99.13100%
Specific Rotation [α] _{20/D} (c=1 in H ₂ O)	160-165 (°)	160.01 °
Water by Karl Fischer	0-6 (%)	4.86 %
Appearance (M106947)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Solubility in H ₂ O , Colorless ,Clear ,50 mg/mL in pass H ₂ O		Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager