

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-11-05 13:13:30
Date of Next Testing: 2028-11-04 13:13:30
Product Name: **Maltotriose hydrate**
CAS Number: 1109-28-0
Specifications & Purity: $\geq 96\%$
Lot #: J2430701
SKU #: **M106947**
Version: **0**
Analysis #: **349429**
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in H}_2\text{O})}$	160-165 ($^{\circ}$)	161.66 $^{\circ}$
Purity(HPLC)	96-100 (%)	98.00000 %
Water by Karl Fischer	0-6 (%)	3.50 %
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 ₂ O , Colorless ,Clear ,50 mg/mL in pass H ₂ O		Pass



John Su
QA & QC Manager