

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-23 18:37:44
Date of Next Testing: 2029-07-22 18:37:44
Product Name: **Maltotetraose**
CAS Number: 34612-38-9
Specifications & Purity: Mologand™, ≥97%
Lot #: G2511516
SKU #: **M121069**
Version: **0**
Analysis #: **528691**
Storage Temperature: Protected from light, Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	99.82800 %
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	165-177 (°)	167.48 °
Appearance (M121069)	white powder	White powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility, Colorless and clear(5% in H ₂ O)	pass	Pass



John Su
QA & QC Manager