

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-06-17 11:06:41  
Date of Next Testing: 2029-06-16 11:06:41  
Product Name: **Maltotetraose**  
CAS Number: 34612-38-9  
Specifications & Purity: Mologand™, ≥97%  
Lot #: F2513126  
SKU #: **M121069**  
Version: **0**  
Analysis #: **471375**  
Storage Temperature: Protected from light, Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	99.74700%
Specific Rotation [α] <sub>20</sub> /D(c=1 in H <sub>2</sub> O)	165-177 (°)	165.10°
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 <sub>2</sub> O)	pass	Pass



John Su  
QA & QC Manager