

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-12-04 13:24:05

Date of Next Testing: 2027-12-03 13:24:05

Product Name: **Maltotetraose**

CAS Number: 34612-38-9

Specifications & Purity: Moligand™, ≥97%

Lot #: L2301099

SKU #: **M121069**

Version: **0**

Analysis #: **098535**

Storage Temperature: Protected from light, Store at -20°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] _{20/D} (c=1 in H ₂ O)	165-177 (°)	165.01500 °
Purity(HPLC)	97-100 (%)	99.38000 %
Appearance (M121069)	white powder	White powder
Solubility, Colorless and clear(5% in H ₂ O)	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager