

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-11-08 10:43:45

Date of Next Testing: 2028-11-07 10:43:45

Product Name: **Maltotetraose**

CAS Number: 34612-38-9

Specifications & Purity: Moligand™, ≥97%

Lot #: K2401474

SKU #: **M121069**

Version: **0**

Analysis #: **420251**

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

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	99.42600 %
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	165-177 (°)	165.65100 °
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