

Certificate of Analysis

Date of Testing: 2025-03-03 11:32:41
Date of Next Testing: 2029-03-02 11:32:41
Product Name: **Maltotetraose**
CAS Number: 34612-38-9
Specifications & Purity: Mologand™, ≥97%
Lot #: B2525340
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] ₂₀ /D(c=1 in H ₂ 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 ₂ O)	pass	Pass



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QA & QC Manager