

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-01-07 13:27:53
 Date of Next Testing: 2029-01-06 13:27:53
 Product Name: **6-O- α -Maltosyl- β -cyclodextrin hydrate**
 CAS Number: 104723-60-6
 Specifications & Purity: $\geq 98\%$
 Lot #: E1722025
 SKU #: **M121037**
 Version: **0**
 Analysis #: **458222**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.19800 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O})$	160-170 (°)	165.19800 °
Water by Karl Fischer	0-6 (%)	0.59800 %
Appearance (M121037)	white powder	White powder
¹³ C NMR Spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility, Colorless and clear(5% in H ₂ O)	pass	Pass



John Su
QA & QC Manager