

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-02-05 10:42:36

Date of Next Testing: 2030-02-04 10:42:36

Product Name: **Maltoheptaose**

CAS Number: 34620-78-5

Specifications & Purity: $\geq 80\%$

Lot #: B2604030

SKU #: **M121063**

Version: **0**

Analysis #: **073633**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	80-100 (%)	93.05400 %
Maltohexaose	0-15 (%)	8.50000 %
Maltopentaose	0-5 (%)	0.36000 %
Water by Karl Fischer	0-10 (%)	2.84200 %
Specific Rotation $[\alpha]_{25/D(c=1 \text{ in H}_2\text{O})}$	175-190 (°)	175.13000 °
Appearance (M121063)	White to off-white powder, needles and/or Chunks	White to off-white powder, needles and/or Chunks
Solubility in H ₂ O , Colorless ,Clear ,50 mg/mL in H ₂ O	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager