

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-03-03 14:34:58

Date of Next Testing: 2029-03-02 14:34:58

Product Name: **Maltopentaose**

CAS Number: 34620-76-3

Specifications & Purity: $\geq 95\%$

Lot #: B2527490

SKU #: **M121065**Version: **1**Analysis #: **472646**Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Water by Karl Fischer	0-12 (%)	5.60260 %
Purity(HPLC)	95-100 (%)	99.62200 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O})$	170-182 ($^{\circ}$)	175.25800 $^{\circ}$
Appearance (M121065)	White Powder or Crystals	White Powder or Crystals
Solubility, Colorless and clear (5% in H ₂ O)	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager