

Certificate of Analysis

Date of Testing: 2025-03-03 10:24:05

Date of Next Testing: 2029-03-02 10:24:05

Product Name: **Maltopentaose**

CAS Number: 34620-76-3

Specifications & Purity: $\geq 95\%$

Lot #: B2527491

SKU #: **M121065**

Version: **1**

Analysis #: **472646**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Water by Karl Fischer	0-12 (%)	5.60 %
Purity(HPLC)	95-100 (%)	99.62200 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O})$	170-182 ($^{\circ}$)	175.26 $^{\circ}$
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