

Certificate of Analysis

Date of Testing: 2023-02-23 22:42:55

Date of Next Testing: 2027-02-22 22:42:55

Product Name: **Maltopentaose**

CAS Number: 34620-76-3

Specifications & Purity: 95%

Lot #: B2320053

SKU #: **M121065**

Analysis: **146478**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Water by Karl Fischer	0-12 (%)	2.63 %
Purity(HPLC)	95-100 (%)	99.43400 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O})$	170-182 (°)	170.10 °
Solubility,Colorless and clear(5% in H ₂ O)	pass	Pass
Appearance (M121065)	white powder or crystals	White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager