

Certificate of Analysis

Date of Testing: 2023-04-19 10:17:37
Date of Next Testing: 2027-04-18 10:17:37
Product Name: **Maltoheptaose**
CAS Number: 34620-78-5
Specifications & Purity: 80%
Lot #: D2303700
SKU #: **M121063**
Analysis: **073633**
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	80-100 (%)	93.05400 %
Maltohexaose	0-15 (%)	8.50 %
Maltopentaose	0-5 (%)	0.36 %
Water by Karl Fischer	0-10 (%)	2.84 %
Specific Rotation [α] ₂₅ /D(c=1 in H ₂ O)	175-190 (°)	175.13 °
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