

Certificate of Analysis

Date of Testing: 2024-12-20 15:55:36
Date of Next Testing: 2028-12-19 15:55:36
Product Name: **α-Cyclodextrin**
CAS Number: 10016-20-3
Specifications & Purity: ≥98%(HPLC)
Lot #: L2418482
SKU #: **C106777**
Version: **1**
Analysis #: **437888**

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.24100 %
Ignition Residue (as sulfate)	0-0.05 (%)	0.00 %
Water by Karl Fischer	0-14.5 (%)	10.60 %
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)(calcd.on anh.substance)	146-153 (°)	147.20 °
Appearance (C106777)	white powder	White powder
Solubility,Colorless Clear , 1 mg/ml, H ₂ O	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager