

Certificate of Analysis

Date of Testing: 2024-06-21 15:57:58
Date of Next Testing: 2028-06-20 15:57:58
Product Name: **α-Cyclodextrin**
CAS Number: 10016-20-3
Specifications & Purity: ≥98.0%(HPLC)
Lot #: F2411087
SKU #: **C106777**
Version: **0**
Analysis #: **351980**

Parameter	Limit Values	Result
Specific Rotation [α] _D (c=1 in H ₂ O)(calcd.on anh.substance)	146-153 (°)	147.28°
Purity(HPLC)	98-100 (%)	99.90000 %
Ignition Residue (as sulfate)	0-0.05 (%)	0.04 %
Water by Karl Fischer	0-14.5 (%)	5.30 %
Appearance (C106777)	white powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility,Colorless Clear , 1 mg/ml, H ₂ O	pass	Pass



John Su
QA & QC Manager