

Shanghai Aladdin Biochemical Technology Co., LTD
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

Certificate of Analysis

Date of Testing: 2024-03-06 09:31:29
Date of Next Testing: 2028-03-05 09:31:29
Product Name: **α -Cyclodextrin**
CAS Number: 10016-20-3
Specifications & Purity: $\geq 98.0\%$ (HPLC)
Lot #: C2401167
SKU #: **C106777**
Analysis: **321749**

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.12700 %
Ignition Residue (as sulfate)	0-0.05 (%)	0.03000 %
Water by Karl Fischer	0-14.5 (%)	9.55900 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in } H_2O)(\text{calcd. on anhydrous substance})$	146-153 (°)	146.10000 °
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