

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-06-09 19:22:10

Date of Next Testing: 2029-06-08 19:22:10

Product Name: **α -Cyclodextrin**

CAS Number: 10016-20-3

Specifications & Purity: $\geq 98\%$ (HPLC)

Lot #: E2528314

SKU #: **C106777**

Version: **1**

Analysis #: **391774**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.81500 %
Ignition Residue (as sulfate)	0-0.05 (%)	0.01200 %
Water by Karl Fischer	0-14.5 (%)	9.02110 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O})(\text{calcd. on anh. substance})$	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