

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-07-20 15:36:08
Date of Next Testing: 2026-07-19 15:36:08
Product Name: **α -Cyclodextrin**
CAS Number: 10016-20-3
Specifications & Purity: for cell culture, \geq 98%
Lot #: J1424003
SKU #: **C106778**
Analysis: **115474**

Parameter	Limit Values	Result
Water by Karl Fischer	0-14.5 (%)	7.50 %
Specific Rotation $[\alpha]_{20}^D(c=1 \text{ in H}_2\text{O})(\text{anhydrous})$	147-152 ($^{\circ}$)	149.60 $^{\circ}$
Purity(HPLC)	98-100 (%)	98.16200 %
Appearance (C106778)	white powder	White powder
Cell Culture Test	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless Clear(10 mg/ml)	pass	Pass



John Su
QA & QC Manager