

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-04-23 10:55:46

Date of Next Testing: 2029-04-22 10:55:46

Product Name: **γ-Cyclodextrin**

CAS Number: 17465-86-0

Specifications & Purity: for cell culture, ≥98%

Lot #: D2515657

SKU #: **C103967**

Version: **1**

Analysis #: **488630**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.81300 %
Water by Karl Fischer	0-12 (%)	6.83070 %
Specific Rotation [α] _{20/D} (c=1 in H ₂ O in as anhydride)	176-180 (°)	176.20000 °
Appearance (C103967)	white powder	White powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in 1 M NH ₄ OH , Colorless, Clear to Very Slightly Hazy, 50 mg/mL	pass	Pass
Cell Culture Test	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager