

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-27 11:19:19
 Date of Next Testing: 2029-11-26 11:19:19
 Product Name: **γ-Cyclodextrin**
 CAS Number: 17465-86-0
 Specifications & Purity: for cell culture, ≥98%
 Lot #: K2525333
 SKU #: **C103967**
 Version: **1**
 Analysis #: **607732**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.92600 %
Water by Karl Fischer	0-12 (%)	7.50160 %
Specific Rotation [α] _{20/D} (c=1 in H ₂ O in as anhydride)	176-180 (°)	176.10000 °
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