

Shanghai Aladdin Biochemical Technology Co., LTD
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Certificate of Analysis

Date of Testing: 2026-09-22 11:42:10
Date of Next Testing: 2030-09-21 11:42:10
Product Name: **γ-Cyclodextrin**
CAS Number: 17465-86-0
Specifications & Purity: for cell culture, ≥98%
Lot #: I2620004
SKU #: **C103967**
Version: **1**
Analysis #: **774703**
Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.96600 %
Water by Karl Fischer	0-12 (%)	5.55270 %
Specific Rotation [α] _{20/D} (c=1 in H ₂ O in as anhydride)	176-180 (°)	176.00200 °
Appearance (C103967)	white powder	White powder
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
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

