

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-06-12 16:31:59
Date of Next Testing: 2028-06-11 16:31:59
Product Name: **γ-Cyclodextrin**
CAS Number: 17465-86-0
Specifications & Purity: 98%,for cell culture
Lot #: F2404219
SKU #: **C103967**
Version: **1**
Analysis #: **357427**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.32200 %
Water by Karl Fischer	0-12 (%)	7.60 %
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O in as anhydride)	176-180 (°)	176.20 °
Appearance (C103967)	white powder	White powder
Solubility in 1 M NH ₄ OH , Colorless,Clear to Very Slightly Hazy,50 mg/mL	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Infrared spectrum	Conforms to Structure	Conforms to Structure
Cell Culture Test	pass	Pass



John Su
QA & QC Manager