

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-03 13:50:03
 Date of Next Testing: 2028-12-02 13:50:03
 Product Name: **γ-Cyclodextrin**
 CAS Number: 17465-86-0
 Specifications & Purity: ≥98%
 Lot #: K2428405
 SKU #: **C103968**
 Version: **0**
 Analysis #: **435673**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-12 (%)	8.68480 %
Purity(HPLC)	98-100 (%)	99.78600 %
Specific Rotation [α] _{20/D} (c=1 in H ₂ O in as anhydride)	176-180 (°)	176.50000 °
Appearance (C103968)	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
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager