

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-03-18 16:39:55  
Date of Next Testing: 2030-03-17 16:39:55  
Product Name: **β-Cyclodextrin**  
CAS Number: 7585-39-9  
Specifications & Purity: ≥98%  
Lot #: C2609393  
SKU #: **C104384**  
Version: **0**  
Analysis #: **616580**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Water by Karl Fischer	0-14 (%)	6.98 %
Purity(HPLC)	98-100 (%)	99.98000 %
Specific Rotation [α] <sub>20</sub> /D(c=1 in H <sub>2</sub> O) (anhydrous)	161-165 (°)	161.05 °
Carbon by Elemental Analysis(anhydrous)	43-44 (%)	43.05 %
Oxygen by Elemental Analysis (dry basis)	48.9-49.9 (%)	48.91 %
Appearance (C104384)	White Powder, Crystals and/or Chunks	White Powder, Crystals and/or Chunks
Solubility in 1M NH <sub>4</sub> OH	Colorless to light yellow, Clear, 50 mg/ml	Colorless to light yellow, Clear, 50 mg/ml
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager