

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-03-06 17:20:09
 Date of Next Testing: 2029-03-05 17:20:09
 Product Name: **β-Cyclodextrin**
 CAS Number: 7585-39-9
 Specifications & Purity: ≥98%
 Lot #: B2528283
 SKU #: **C104384**
 Version: **0**
 Analysis #: **464441**
 Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Water by Karl Fischer	0-14 (%)	6.52680 %
Purity(HPLC)	98-100 (%)	99.75900 %
Carbon by Elemental Analysis(anhydrous)	43-44 (%)	43.22000 %
Oxygen by Elemental Analysis (dry basis)	48.9-49.9 (%)	49.00000 %
Specific Rotation [α] _{20/D} (c=1 in H ₂ O) (anhydrous)	161-165 (°)	161.20000 °
Appearance (C104384)	White Powder, Crystals and/or Chunks	White Powder, Crystals and/or Chunks
Solubility in 1M NH ₄ 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