

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-17 11:59:37

Date of Next Testing: 2028-12-16 11:59:37

Product Name: **β-Cyclodextrin**

CAS Number: 7585-39-9

Specifications & Purity: ≥98%

Lot #: L2413635

SKU #: **C104384**

Version: **0**

Analysis #: **400488**

Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Water by Karl Fischer	0-14 (%)	4.38600 %
Purity(HPLC)	98-100 (%)	99.51000 %
Specific Rotation [α] _{20/D} (c=1 in H ₂ O) (anhydrous)	161-165 (°)	161.07800 °
Carbon by Elemental Analysis(anhydrous)	43-44 (%)	43.07500 %
Oxygen by Elemental Analysis (dry basis)	48.9-49.9 (%)	48.92000 %
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