

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2024-12-17 11:58:32
Date of Next Testing:	2028-12-16 11:58:32
Product Name:	β-Cyclodextrin
CAS Number:	7585-39-9
Specifications & Purity:	≥98%
Lot #:	L2413633
SKU #	C104384
Version	0
Analysis #:	400488
Storage Temperature:	Desiccated

Parameter	Limit Values	Result
Water by Karl Fischer	0-14 (%)	4.39%
Purity(HPLC)	98-100 (%)	99.51000%
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O) (anhydrous)	161-165 (°)	161.08°
Carbon by Elemental Analysis(anhydrous)	43-44 (%)	43.08%
Oxygen by Elemental Analysis (dry basis)	48.9-49.9 (%)	48.92%
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