

Certificate of Analysis

Date of Testing:	2022-10-28 16:38:27
Date of Next Testing:	2026-10-27 16:38:27
Product Name:	β-Cyclodextrin
CAS Number:	7585-39-9
Specifications & Purity:	98%
Lot #:	J2226301
SKU #	C104384
Analysis:	120469
Storage Temperature:	Desiccated

Parameter	Limit Values	Result
Water by Karl Fischer	0-14 (%)	8.79%
Purity(HPLC)	98-100 (%)	99.94600%
Oxygen by Elemental Analysis (dry basis)	48.9-49.9 (%)	48.91%
Carbon by Elemental Analysis(anhydrous)	43-44 (%)	43.01%
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O) (anhydrous)	161-165 (°)	161.01°
Appearance (C104384)	White Powder, Crystals and/or Chunks	White Powder, Crystals and/or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in 1M NH ₄ OH	Colorless to light yellow, Clear, 50 mg/ml	Colorless to light yellow, Clear, 50 mg/ml



John Su
QA & QC Manager