

Certificate of Analysis

Date of Testing: 2023-11-23 15:06:05
 Date of Next Testing: 2027-11-22 15:06:05
 Product Name: **β-Cyclodextrin**
 CAS Number: 7585-39-9
 Specifications & Purity: 98%
 Lot #: K2321072
 SKU #: **C104384**
Analysis: **291047**
 Storage Temperature: Desiccated

Parameter	Limit Values	Result
Water by Karl Fischer	0-14 (%)	9.55 %
Purity(HPLC)	98-100 (%)	98.66400 %
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O) (anhydrous)	161-165 (°)	164.55 °
Carbon by Elemental Analysis(anhydrous)	43-44 (%)	43.07 %
Oxygen by Elemental Analysis (dry basis)	48.9-49.9 (%)	49.11 %
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