

Certificate of Analysis

Date of Testing: 2024-02-28 12:01:24
Date of Next Testing: 2028-02-27 12:01:24
Product Name: **β-Cyclodextrin**
CAS Number: 7585-39-9
Specifications & Purity: 98%
Lot #: B2422172
SKU #: **C104384**
Analysis: **316351**
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Water by Karl Fischer	0-14 (%)	4.84 %
Purity(HPLC)	98-100 (%)	98.32200 %
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O) (anhydrous)	161-165 (°)	161.24 °
Carbon by Elemental Analysis(anhydrous)	43-44 (%)	43.01 %
Oxygen by Elemental Analysis (dry basis)	48.9-49.9 (%)	49.07 %
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