

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-06-14 10:22:41
Date of Next Testing: 2029-06-13 10:22:41
Product Name: **β-Cyclodextrin**
CAS Number: 7585-39-9
Specifications & Purity: ≥98%
Lot #: F2511351
SKU #: **C104384**
Version: **0**
Analysis #: **518424**
Storage Temperature: Desiccated

| Parameter | Limit Values | Result |
|--------------------------------------------------------------------------------|-----------------------------------------------|-----------------------------------------------|
| Water by Karl Fischer | 0-14 (%) | 12.59% |
| Purity(HPLC) | 98-100 (%) | 99.95000% |
| Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O) (anhydrous) | 161-165 (°) | 163.25 ° |
| Carbon by Elemental Analysis(anhydrous) | 43-44 (%) | 43.89% |
| Oxygen by Elemental Analysis (dry basis) | 48.9-49.9 (%) | 49.13% |
| 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