

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-02-15 14:24:01
 Date of Next Testing: 2026-02-14 14:24:01
 Product Name: **β-Cyclodextrin**
 CAS Number: 7585-39-9
 Specifications & Purity: 98%
 Lot #: B2212194
 SKU #: **C104384**
Analysis: **057595**
 Storage Temperature: Desiccated

| Parameter | Limit Values | Result |
|--------------------------------------------------------------------------------|-----------------------------------------------|-----------------------------------------------|
| Water by Karl Fischer | 0-14 (%) | 9.87% |
| Purity(HPLC) | 98-100 (%) | 98.00700% |
| Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O) (anhydrous) | 161-165 (°) | 161.39° |
| Carbon by Elemental Analysis(anhydrous) | 43-44 (%) | 43.13% |
| Oxygen by Elemental Analysis (dry basis) | 48.9-49.9 (%) | 48.91% |
| 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