

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-02-27 14:56:50

Date of Next Testing: 2027-02-26 14:56:50

 Product Name: **β-Cyclodextrin**

CAS Number: 7585-39-9

Specifications &amp; Purity: 98%

Lot #: B2322528

 SKU #: **C104384**

 Analysis: **162354**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Water by Karl Fischer	0-14 (%)	10.50%
Purity(HPLC)	98-100 (%)	98.00100%
Specific Rotation [α] <sub>20</sub> /D(c=1 in H <sub>2</sub> O) (anhydrous)	161-165 (°)	161.00°
Carbon by Elemental Analysis(anhydrous)	43-44 (%)	43.00%
Oxygen by Elemental Analysis (dry basis)	48.9-49.9 (%)	49.00%
Appearance (C104384)	White Powder, Crystals and/or Chunks	White Powder, Crystals and/or Chunks
Solubility in 1M NH <sub>4</sub> 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