

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-05-26 11:24:04

Date of Next Testing: 2030-05-25 11:24:04

Product Name:  **$\alpha$ -Cyclodextrin**

CAS Number: 10016-20-3

Specifications & Purity: for cell culture,  $\geq 98\%$

Lot #: E2614255

SKU #: **C106778**

Version: **0**

Analysis #: **698955**

Storage Temperature: Room temperature

| Parameter                                                                         | Limit Values           | Result                |
|-----------------------------------------------------------------------------------|------------------------|-----------------------|
| Water by Karl Fischer                                                             | 0-14.5 (%)             | 10.43960 %            |
| Purity(HPLC)                                                                      | 98-100 (%)             | 100.00000 %           |
| Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O})(\text{anhydrous})$ | 147-152 ( $^{\circ}$ ) | 147.53000 $^{\circ}$  |
| Appearance (C106778)                                                              | white powder           | White powder          |
| Solubility in H <sub>2</sub> O , Colorless Clear(10 mg/ml)                        | pass                   | Pass                  |
| Cell Culture Test                                                                 | pass                   | Pass                  |
| Infrared spectrum                                                                 | Conforms to Structure  | Conforms to Structure |



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QA & QC Manager