

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-11-06 10:05:36  
Date of Next Testing: 2028-11-05 10:05:36  
Product Name:  **$\alpha$ -cyclodextrin sulfated sodium salt hydrate**  
CAS Number: 699020-02-5  
Specifications & Purity:  
Lot #: B2310533  
SKU #: C337211  
Version: 2  
Analysis #: 600080  
Storage Temperature: Room temperature

| Parameter  | Limit Values              | Result                    |
|--|---------------------------|---------------------------|
| Loss on drying   | $\leq 15$ (%)             | 5.34 %                    |
| Specific rotation $[\alpha]_{20/D}(c=1\%, \text{Water})$ | 65-90 (°)                 | 76.00000°                 |
| Appearance(C337211)                                      | White to Off-White Powder | White to Off-White Powder |
| Infrared spectrum  | Conforms to Structure     | Conforms to Structure     |



John Su  
QA & QC Manager