

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-08-14 16:59:29  
 Date of Next Testing: 2027-08-13 16:59:29  
 Product Name: **Polysucrose 400**  
 CAS Number: 26873-85-8  
 Specifications & Purity: powder, average Mw 400K  
 Lot #: H2307076  
 SKU #: **P122394**  
 Version: **0**  
 Analysis #: **248432**  
 Storage Temperature: Room temperature

| Parameter                                                                     | Limit Values              | Result                    |
|-------------------------------------------------------------------------------|---------------------------|---------------------------|
| Loss on drying                                                                | 0-5 (%)                   | 0.13008 %                 |
| Average Molecular Weight                                                      | 300000-550000             | 400000.00000              |
| Specific Rotation $[\alpha]_{25/D}(c=1 \text{ in H}_2\text{O})$               | 53-57 (°)                 | 54.31700°                 |
| Appearance (P122394)                                                          | White to Off-White Powder | White to Off-White Powder |
| Infrared spectrum                                                             | Conforms to Structure     | Conforms to Structure     |
| Solubility in H <sub>2</sub> O , Colorless, clear to slightly hazy, 100 mg/ml | pass                      | Pass                      |



John Su  
QA & QC Manager