

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-01-10 14:36:08
 Date of Next Testing: 2027-01-09 14:36:08
 Product Name: **Polysucrose 400**
 CAS Number: 26873-85-8
 Specifications & Purity: powder, average Mw 400K
 Lot #: A2306741
 SKU #: **P122394**
 Version: **0**
 Analysis #: **157919**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Loss on drying	0-5 (%)	1.47664 %
Average Molecular Weight	300000-550000	400000.00000
Specific Rotation $[\alpha]_{25/D}(c=1 \text{ in H}_2\text{O})$	53-57 (°)	53.01000°
Appearance (P122394)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless, clear to slightly hazy, 100 mg/ml	pass	Pass



John Su
QA & QC Manager