

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-08-14 17:09:00

Date of Next Testing: 2027-08-13 17:09:00

Product Name: **Polysucrose 400**

CAS Number: 26873-85-8

Specifications & Purity: powder, average Mw 400K

Lot #: H2307082

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 ₂ O , Colorless, clear to slightly hazy, 100 mg/ml	pass	Pass



John Su
QA & QC Manager