

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-06-04 09:21:26

Date of Next Testing: 2028-06-03 09:21:26

Product Name: **Poly(diallyldimethylammonium chloride) solution**

CAS Number: 26062-79-3

Specifications & Purity: Mw 200,000-350,000 ,20 wt. % in water,250-500 cP(25 °C)

Lot #: E2413463

SKU # **P109720**

Version **0**

Analysis #: **350676**

Parameter	Limit Values	Result
Concentration	18-22 (wt%)	20.86 wt%
viscosity	250-500 (cP)	498.00 cP
Refractive index n ₂₀ /D	1.374-1.376	1.37
mol wt average MW	200000-350000	200000.00
Appearance (P109720)	Colorless to Faint Yellow Viscous Liquid	Colorless to Faint Yellow Viscous Liquid
Density(25°C) , 1.04 g/mL	pass	Pass

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager