

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-08-30 16:14:31
Date of Next Testing: 2026-08-29 16:14:31
Product Name: **Poly(diallyldimethylammonium chloride) solution**
CAS Number: 26062-79-3
Specifications & Purity: 20 wt. % in water
Lot #: H2212457
SKU #: **P109721**
Analysis: **096347**

| Parameter | Limit Values | Result |
|----------------------|------------------------------------|------------------------------------|
| mol wt average MW | 400000-500000 | 400876.00 |
| viscosity | 800-1000 (cP) | 807.00 S |
| PH(1% in Water) | 3-7 | 4.11 |
| Concentration | 19-21 (%) | 20.99 % |
| Appearance (P109721) | Colorless to Yellow Viscous Liquid | Colorless to Yellow Viscous Liquid |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager