

## Certificate of Analysis

Date of Testing: 2024-06-04 09:07:24

Date of Next Testing: 2028-06-03 09:07:24

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 #: E2413436

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 <sub>20</sub> /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                                     |



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