

## Certificate of Analysis

Date of Testing: 2022-01-25 08:53:37

Date of Next Testing: 2024-01-15 08:53:37

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

CAS Number: 26062-79-3

Specifications & Purity: Mw 100,000-200,000 ,20 wt. % in water,400-1000 cP (25 °C)

Lot #: E1811063

SKU # **P109719**

**Analysis:** **069884**

| Parameter                          | Limit Values     | Result           |
|------------------------------------|------------------|------------------|
| Refractive index n <sub>20/D</sub> | 1.374-1.376      | 1.37             |
| mol wt average MW                  | 100000-200000    | 165200.00        |
| Viscosity(25 °C,neat)              | 400-1000 (cP)    | 758.00 cP        |
| Concentration(NT)                  | 19-21 (%)        | 20.88 %          |
| Appearance (P109719)               | Colorless Liquid | Colorless liquid |
| Density(25°C) , 1.04 g/mL          | pass             | Pass             |



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QA & QC Manager