

Certificate of Analysis

Date of Testing: 2023-01-06 11:49:49

Date of Next Testing: 2027-01-05 11:49:49

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 #: L22161047

SKU # **P109720**

Analysis: 157328

Parameter	Limit Values	Result
Refractive index n _{20/D}	1.374-1.376	1.37
Concentration	18-22 (wt%)	21.85 wt%
viscosity	250-500 (cP)	331.70 S
mol wt average MW	200000-350000	200010.00
Appearance (P109720)	Colorless to Faint Yellow Viscous Liquid	Colorless to Faint Yellow Viscous Liquid
Density(25°C) , 1.04 g/mL	pass	Pass



John Su
QA & QC Manager