

## Certificate of Analysis

Date of Testing: 2024-05-30 10:12:17  
Date of Next Testing: 2027-05-30 10:12:17  
Product Name: **Poly(2-acrylamido-2-methyl-1-propanesulfonic acid) solution**  
CAS Number: 27119-07-9  
Specifications & Purity: average Mw 2,000,000, 15wt. % in H<sub>2</sub>O  
Lot #: E2417323  
SKU #: **P478257**  
Version: **1**  
Analysis #: **318436**

Parameter	Limit Values	Result
Residue on Evaporation	14-18 (%)	16.65 %
pH(C=1%)	1-3	2.52000
Average Molecular Weight	1800000-2200000	2000000.00
Appearance(P478257)	Colorless Viscous Liquid	colorless viscous liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager