

## Certificate of Analysis

Date of Testing: 2024-01-20 09:50:58  
Date of Next Testing: 2027-01-19 09:50:58  
Product Name: **Poly(sodium 4-styrenesulfonate)**  
CAS Number: 25704-18-1  
Specifications & Purity: average Mw ~1,000,000, powder  
Lot #: A2418327  
SKU #: **P432468**  
Analysis: **302432**

Parameter	Limit Values	Result
Viscosity(c=10%;Water)	70-180 (mPa·S)	128.40000 mPa·S
pH(c=30%;Water)	6-10	9.56000
Average Molecular Weight	900000-1100000	1000000.00
Appearance(P432468)	White to light yellow powder	white to light yellow powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager