

Certificate of Analysis

Date of Testing: 2024-01-20 09:49:24
Date of Next Testing: 2027-01-19 09:49:24
Product Name: **Poly(sodium 4-styrenesulfonate)**
CAS Number: 25704-18-1
Specifications & Purity: average Mw ~1,000,000, powder
Lot #: A2418325
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