

## Certificate of Analysis

Date of Testing: 2024-02-21 11:31:51  
Date of Next Testing: 2027-02-20 11:31:51  
Product Name: **Poly(4-styrenesulfonic acid) solution**  
CAS Number: 28210-41-5  
Specifications & Purity: Mw ~75,000, 18wt. % in H<sub>2</sub>O  
Lot #: B2418585  
SKU #: **P475500**  
Version: **1**  
Analysis #: **316329**

| Parameter           | Limit Values               | Result                     |
|---------------------|----------------------------|----------------------------|
| Solid Content       | 16-20 (%)                  | 19.92 %                    |
| Molecular Weight    | 70000-80000                | 75000.00                   |
| Appearance(P475500) | Colorless to Yellow Liquid | Colorless to Yellow Liquid |
| Infrared spectrum   | Conforms to Structure      | Conforms to Structure      |



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