

## Certificate of Analysis

Date of Testing: 2023-03-07 12:24:48  
Date of Next Testing: 2027-03-06 12:24:48  
Product Name: **Poly(acrylic acid)**  
CAS Number: 9003-01-4  
Specifications & Purity: average Mv ~1,250,000  
Lot #: C2301736  
SKU #: **P131657**  
Analysis: **189833**

| Parameter                  | Limit Values          | Result                |
|----------------------------|-----------------------|-----------------------|
| Viscosity(c = 0.5%; Water) | 2000-11000 (cP)       | 5000.00 cP            |
| Average Mv                 | 1200000-1300000       | 1250000.00            |
| Appearance (P131657)       | White powder          | White powder          |
| Infrared spectrum          | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager