

## Certificate of Analysis

Date of Testing: 2023-08-24 09:46:16  
Date of Next Testing: 2026-08-23 09:46:16  
Product Name: **Poly(ethylene oxide)**  
CAS Number: 25322-68-3  
Specifications & Purity: average Mv 400,000, powder  
Lot #: H2307610  
SKU #: **P432440**  
**Analysis: 268188**

| Parameter                                | Limit Values          | Result                |
|--|-----------------------|-----------------------|
| Viscosity(C=5%,H2O at 25°C)              | 2250-4500 (cP)        | 2693.00 cP            |
| Particle Size Distribution(-10 Mesh)     | ≥100 (%)              | 100.00 %              |
| Particle Size Distribution(-20 Mesh)     | 96-100 (%)            | 100.00 %              |
| Gravimetric Analysis as SiO <sub>2</sub> | 0.8-3.0 (%)           | 1.80000 %             |
| Appearance(P432440)                      | White Powder          | White powder          |
| Infrared spectrum                        | Conforms to Structure | Conforms to Structure |



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