

Certificate of Analysis

Date of Testing: 2025-02-08 08:48:57
Date of Next Testing: 2027-01-29 08:48:57
Product Name: **Polyethylene oxide (PEO)**
CAS Number: 68441-17-8
Specifications & Purity: average Mv ~2,000,000,powder
Lot #: B2506398
SKU #: **P101345**
Version: **1**
Analysis #: **451415**
Storage Temperature: Desiccated

| Parameter | Limit Values | Result |
|--------------------------------------|---------------------------------|---------------------------------|
| Loss on drying | 0-10 (%) | 0.48 % |
| Ignition Residue | 0-2.5 (%) | 1.39 % |
| PH(0.5% Water Water) | 7-10 | 8.55 |
| Viscosity(TU-4 Cup,5% in water,25°C) | 44-55 (S) | 45.00000 S |
| Average Mv | 1980000-2020000 | 2000000.00 |
| Appearance (P101345) | White Powder or Granular Powder | White Powder or Granular Powder |
| Stability (200-500 ppm BHT) | Conforms | Conforms |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |



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