

## Certificate of Analysis

Date of Testing: 2024-09-25 17:36:43

Date of Next Testing: 2026-09-15 17:36:43

Product Name: **Polyethylene oxide**

CAS Number: 68441-17-8

Specifications & Purity: average Mv ~1,000,000,powder

Lot #: I2423621

SKU # **P101344**

Version **2**

**Analysis #:** **415179**

Storage Temperature: Argon charged,Desiccated

| Parameter                   | Limit Values                    | Result                          |
|-----------------------------|---------------------------------|---------------------------------|
| Ignition Residue            | 0-2.5 (%)                       | 1.06 %                          |
| PH(0.5% Water Water)        | 7-10                            | 8.80                            |
| Loss on drying              | 0-10 (%)                        | 0.00 %                          |
| Viscosity(25°C,5% in Water) | 2000-4500(mPa·S)                | 3730.00000 mPa·S                |
| Appearance (P101344)        | White Powder or Granular Powder | White Powder or Granular Powder |
| Infrared spectrum           | Conforms to Structure           | Conforms to Structure           |
| Stability (200-500 ppm BHT) | Conforms                        | Conforms                        |



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