

## Certificate of Analysis

Date of Testing: 2025-05-13 14:30:19  
Date of Next Testing: 2027-05-03 14:30:19  
Product Name: **Polyethylene oxide**  
CAS Number: 68441-17-8  
Specifications & Purity: average Mv ~4,000,000,powder  
Lot #: K2111656  
SKU #: **P101346**  
Version: **1**  
Analysis #: **508307**  
Storage Temperature: Argon charged,Desiccated

Parameter	Limit Values	Result
Dynamic Viscosity(0.5% in Water,25°C)	130-250 (cP)	156.40 cP
Average Mv	3300000-4300000	3900000.00
Ignition Residue	0-3 (%)	1.45 %
Loss on drying	0-10 (%)	0.54 %
PH(0.5% Water,25°C)	6-10	8.70800
Appearance (P101346)	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



John Su  
QA & QC Manager