

## Certificate of Analysis

Date of Testing: 2023-04-24 16:31:15  
Date of Next Testing: 2025-04-13 16:31:15  
Product Name: **Polyethylene oxide**  
CAS Number: 68441-17-8  
Specifications & Purity: average Mv ~4,000,000,powder  
Lot #: D2321331  
SKU #: **P101346**  
**Analysis:** **124651**  
Storage Temperature: Argon charged,Desiccated

Parameter	Limit Values	Result
PH(0.5% Water Water)	7-10	8.04
Ignition Residue	0-3 (%)	1.57 %
Loss on drying	0-10 (%)	0.40 %
Dynamic Viscosity(0.5% in Water,25°C)	90-180 (cP)	243.30 cP
Average Mv	3300000-4300000	4050000.00
Appearance (P101346)	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



John Su  
QA & QC Manager