

## Certificate of Analysis

Date of Testing: 2023-01-12 16:21:32  
Date of Next Testing: 2025-01-01 16:21:32  
Product Name: **Polyethylene oxide**  
CAS Number: 68441-17-8  
Specifications & Purity: average Mv ~5,000,000,powder  
Lot #: D2108332  
SKU #: **P101347**  
**Analysis: 178381**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Loss on drying	0-10 (%)	0.44 %
Ignition Residue	0-2.5 (%)	0.14 %
Average Mv	4950000-5050000	5000000.00
PH(0.5% Water Water)	7-10	7.38
Dynamic Viscosity(0.5% in Water,25°C)	250-280 (cP)	262.84 cP
Appearance (P101347)	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