

## Certificate of Analysis

Date of Testing: 2024-09-18 15:18:39  
Date of Next Testing: 2026-09-08 15:18:39  
Product Name: **Polyethylene oxide**  
CAS Number: 68441-17-8  
Specifications & Purity: average Mv ~600,000,powder  
Lot #: L2226032  
SKU #: **P101341**  
Version: **1**  
Analysis #: **412185**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Loss on drying(105 °C , 45 Minutes)	0-1 (%)	0.50 %
Viscosity(5% in water,25°C)	4500-8800 (cP)	6908.00 cP
Alkalies and Other Metals(as CaO)	0-2 (%)	1.20 %
PH(0.5% Water Water)	7-10	8.66
Appearance (P101341)	White or light yellow powder	White or light yellow powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Stability (200-500 ppm BHT)	Conforms	Conforms



John Su  
QA & QC Manager