

## Certificate of Analysis

Date of Testing: 2024-04-10 16:00:04  
Date of Next Testing: 2026-03-31 16:00:04  
Product Name: **Polyethylene oxide**  
CAS Number: 68441-17-8  
Specifications & Purity: average Mv ~600,000,powder  
Lot #: C2428216  
SKU #: **P101341**  
**Analysis:** **332876**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Loss on drying(105 °C , 45 Minutes)	0-1 (%)	0.32 %
Viscosity(5% in water,25°C)	4500-8800 (cP)	5079.00 cP
Alkalies and Other Metals(as CaO)	0-2 (%)	0.11 %
PH(0.5% Water Water)	7-10	7.06
Appearance (P101341)	White or light yellow powder	White or light yellow powder
Stability (200-500 ppm BHT)	Conforms	Conforms
transition temperature ,65°C	Conforms	Conforms
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager