

## Certificate of Analysis

Date of Testing: 2023-07-03 13:50:56  
Date of Next Testing: 2025-06-22 13:50:56  
Product Name: **Polyethylene oxide**  
CAS Number: 68441-17-8  
Specifications & Purity: average Mv ~600,000,powder  
Lot #: F2320052  
SKU #: **P101341**  
**Analysis:** **166729**  
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)	6910.00 cP
Alkalies and Other Metals(as CaO)	0-2 (%)	1.20 %
PH(0.5% Water Water)	7-10	8.67
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