

Certificate of Analysis

Date of Testing: 2023-12-19 13:27:51
Date of Next Testing: 2025-12-08 13:27:51
Product Name: **Polyethylene oxide**
CAS Number: 68441-17-8
Specifications & Purity: average Mv ~600,000,powder
Lot #: C2224365
SKU #: **P101341**
Analysis: **306178**
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Loss on drying(105 °C , 45 Minutes)	0-1 (%)	0.52 %
Viscosity(5% in water,25°C)	4500-8800 (cP)	5229.00 cP
Alkalies and Other Metals(as CaO)	0-2 (%)	1.07 %
PH(0.5% Water Water)	7-10	8.10
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
transition temperature ,65°C	Conforms	Conforms



John Su
QA & QC Manager