

Certificate of Analysis

Date of Testing: 2023-10-17 13:52:21

Date of Next Testing: 2025-10-06 13:52:21

Product Name: **Polyethylene oxide**

CAS Number: 68441-17-8

Specifications & Purity: average Mv ~600,000,powder

Lot #: J2310162

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