

Certificate of Analysis

Date of Testing: 2023-08-02 15:06:08
Date of Next Testing: 2025-07-22 15:06:08
Product Name: **Polyethylene oxide**
CAS Number: 68441-17-8
Specifications & Purity: average Mv ~4,000,000,powder
Lot #: K2111658
SKU #: **P101346**
Analysis: **258734**
Storage Temperature: Argon charged,Desiccated

Parameter	Limit Values	Result
Dynamic Viscosity(0.5% in Water,25°C)	130-250 (cP)	156.40 cP
PH(0.5% Water Water)	7-10	8.71
Average Mv	3300000-4300000	3900000.00
Ignition Residue	0-3 (%)	1.45 %
Loss on drying	0-10 (%)	0.54 %
Appearance (P101346)	White Powder or Granular Powder	White Powder or Granular Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Stability (200-500 ppm BHT)	Conforms	Conforms



John Su
QA & QC Manager