

Certificate of Analysis

Date of Testing: 2025-04-02 15:23:18
Date of Next Testing: 2027-03-23 15:23:18
Product Name: **Polyethylene oxide (PEO)**
CAS Number: 68441-17-8
Specifications & Purity: average Mv ~2,000,000,powder
Lot #: C2531080
SKU #: **P101345**
Version: **1**
Analysis #: **487000**
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Ignition Residue	0-2.5 (%)	0.20 %
Average Mv	1980000-2020000	2000000.00
Loss on drying	0-10 (%)	1.25 %
Viscosity(TU-4 Cup,5% in water,25°C)	44-55 (S)	50.00000 S
PH(0.5% Water Water)	7-10	8.50
Appearance (P101345)	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