

Certificate of Analysis

Date of Testing: 2023-03-01 19:01:15

Date of Next Testing: 2025-02-18 19:01:15

Product Name: **Polyethylene oxide**

CAS Number: 68441-17-8

Specifications & Purity: average Mv ~5,000,000,powder

Lot #: B2328343

SKU #: **P101347**

Analysis: **193667**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Loss on drying	0-10 (%)	0.44 %
Ignition Residue	0-2.5 (%)	0.14 %
Average Mv	4950000-5050000	5000000.00
PH(0.5% Water Water)	7-10	7.38
Dynamic Viscosity(0.5% in Water,25°C)	250-280 (cP)	262.84 cP
Appearance (P101347)	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