

Certificate of Analysis

Date of Testing: 2024-10-10 09:48:51
Date of Next Testing: 2026-09-30 09:48:51
Product Name: **Polyethylene oxide**
CAS Number: 68441-17-8
Specifications & Purity: average Mv ~5,000,000,powder
Lot #: D2108329
SKU #: **P101347**
Version: **0**
Analysis #: **416787**
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Loss on drying	0-10 (%)	0.44 %
Ignition Residue	0-2.5 (%)	0.13 %
Average Mv	4850000-5050000	5000000.00
PH(0.5% Water Water)	7-10	7.30
Dynamic Viscosity(0.5% in Water,25°C)	250-280 (cP)	262.80 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