

Certificate of Analysis

Date of Testing: 2025-04-11 13:20:47
Date of Next Testing: 2027-04-01 13:20:47
Product Name: **Polyethylene oxide**
CAS Number: 68441-17-8
Specifications & Purity: average Mv ~4,000,000,powder
Lot #: G2321838
SKU #: **P101346**
Version: **1**
Analysis #: **493168**
Storage Temperature: Argon charged,Desiccated

Parameter	Limit Values	Result
Dynamic Viscosity(0.5% in Water,25°C)	130-250 (cP)	157.00 cP
Average Mv	3300000-4300000	4000000.00
Ignition Residue	0-3 (%)	1.03 %
Loss on drying	0-10 (%)	0.57 %
PH(0.5% Water,25°C)	6-10	8.50000
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



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QA & QC Manager