

ALADDIN SCIENTIFIC CORPORATION  
14078 Meridian Parkway, Riverside, CA. 92518

### Certificate of Analysis

Date of Testing: 2025-11-15 11:16:00  
Date of Next Testing: 2027-11-05 11:16:00  
Product Name: **Polyethylene oxide (PEO)**  
CAS Number: 68441-17-8  
Specifications & Purity: average Mv ~4,000,000,powder  
Lot #: K2513053  
SKU #: **P101346**  
Version: **1**  
Analysis #: **428450**  
Storage Temperature: Room temperature,Argon charged,Desiccated

Parameter	Limit Values	Result
Ignition Residue	0-3 (%)	2.50000 %
Loss on drying	0-10 (%)	2.00000 %
PH(0.5% Water,25°C)	6-10	7.11000
Dynamic Viscosity(0.5% in Water,25°C)	130-250 (cP)	215.00000 cP
Average Mv	3300000-4300000	3550000.00000
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