

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

### Certificate of Analysis

Date of Testing: 2025-10-17 19:04:04  
Date of Next Testing: 2027-10-07 19:04:04  
Product Name: **Polyethylene oxide (PEO)**  
CAS Number: 68441-17-8  
Specifications & Purity: average Mv ~5,000,000,powder  
Lot #: J2516089  
SKU #: **P101347**  
Version: **0**  
Analysis #: **440241**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Loss on drying	0-10 (%)	0.26 %
Ignition Residue	0-2.5 (%)	1.32 %
PH(0.5% Water)	7-10	8.61
Dynamic Viscosity(0.5% in Water,25°C)	250-280 (cP)	262.50 cP
Average Mv	4950000-5050000	5000000.00
Appearance (P101347)	White Powder or Granular Powder	White Powder or Granular Powder
Stability (200-500 ppm BHT)	Conforms	Conforms
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager