

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

### Certificate of Analysis

Date of Testing: 2025-09-03 17:14:03  
Date of Next Testing: 2027-08-24 17:14:03  
Product Name: **Polyethylene oxide (PEO)**  
CAS Number: 68441-17-8  
Specifications & Purity: average Mv ~1,000,000,powder  
Lot #: I2502775  
SKU #: **P101344**  
Version: **3**  
Analysis #: **553044**  
Storage Temperature: Room temperature,Argon charged,Desiccated

Parameter	Limit Values	Result
Ignition Residue	0-2.5 (%)	2.10000 %
Loss on drying	0-10 (%)	1.00000 %
PH(0.5% Water)	6-10	7.30000
Viscosity(25°C,5% in Water)	2000-5500(mPa·S)	3500.00000 mPa·S
Appearance (P101344)	White Powder or Granular Powder	White Powder or Granular Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager