

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

### Certificate of Analysis

Date of Testing: 2026-02-02 09:51:11  
Date of Next Testing: 2028-01-23 09:51:11  
Product Name: **Polyethylene oxide (PEO)**  
CAS Number: 68441-17-8  
Specifications & Purity: average Mv ~600,000,powder  
Lot #: A2629558  
SKU #: **P101341**  
Version: **1**  
Analysis #: **615422**  
Storage Temperature: Room temperature,Desiccated

Parameter	Limit Values	Result
Loss on drying(105 °C , 45 Minutes)	0-1 (%)	0.30000 %
Alkalies and Other Metals(as CaO)	0-2 (%)	0.10000 %
PH(0.5% Water)	7-10	8.77000
Viscosity(5% in water,25°C)	4500-8800 (cP)	5320.00000 cP
Appearance (P101341)	White or light yellow powder	White or light yellow powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Stability (200-500 ppm BHT)	Conforms	Conforms



John Su  
QA & QC Manager