

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

### Certificate of Analysis

Date of Testing: 2025-12-29 14:21:44  
Date of Next Testing: 2027-12-19 14:21:44  
Product Name: **Polyethylene oxide (PEO)**  
CAS Number: 68441-17-8  
Specifications & Purity: average Mv ~600,000,powder  
Lot #: L2525631  
SKU #: **P101341**  
Version: **1**  
Analysis #: **615408**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Loss on drying(105 °C , 45 Minutes)	0-1 (%)	0.21 %
Alkalies and Other Metals(as CaO)	0-2 (%)	0.10 %
PH(0.5% Water)	7-10	8.91
Viscosity(5% in water,25°C)	4500-8800 (cP)	5260.00 cP
Appearance (P101341)	White to off-White powder or granular powder	White to Off-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