

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-01-09 08:43:55  
Date of Next Testing: 2030-01-08 08:43:55  
Product Name: **Polyethylene oxide (PEO)**  
CAS Number: 68441-17-8  
Specifications & Purity: average Mv ~7,000,000,powder  
Lot #: L2530420  
SKU #: **P101348**  
Version: **2**  
Analysis #: **593080**  
Storage Temperature: Room temperature,Desiccated

Parameter	Limit Values	Result
Particle Size Distribution(-20 Mesh)	96-100 (%)	98.52600 %
Silicon Dioxide(Gravimetric Analysis)	0.8-3 (wt%)	1.52400 wt%
Particle Size Distribution(-10 Mesh)	99-100 (%)	99.52600 %
Alkalies and Other Metals(as CaO)	0-1 (wt%)	0.41500 wt%
Loss on drying	0-2 (%)	0.23400 %
Viscosity(0.5% in water,25°C)	350-800 (cP)	760.00000 cP
Appearance (P101348)	White powder	White powder
Stability (200-500 ppm BHT)	Conforms	Conforms
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager