

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-14 14:37:25

Date of Next Testing: 2026-12-04 14:37:25

Product Name: **Polyethylene oxide (PEO)**

CAS Number: 68441-17-8

Specifications & Purity: average Mv ~5,000,000,powder

Lot #: L2412496

SKU #: **P101347**

Version: **0**

Analysis #: **440241**

Storage Temperature: Room temperature,Desiccated

Parameter	Limit Values	Result
Loss on drying	0-10 (%)	0.25963 %
Ignition Residue	0-2.5 (%)	1.31627 %
PH(0.5% Water)	7-10	8.61000
Dynamic Viscosity(0.5% in Water,25°C)	250-280 (cP)	262.50000 cP
Average Mv	4950000-5050000	5000000.00000
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