

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-02-08 08:49:36

Date of Next Testing: 2027-01-29 08:49:36

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

CAS Number: 68441-17-8

Specifications & Purity: average Mv ~2,000,000,powder

Lot #: B2506410

SKU #: **P101345**

Version: **1**

Analysis #: **451415**

Storage Temperature: Room temperature,Desiccated

Parameter	Limit Values	Result
Loss on drying	0-10 (%)	0.48284 %
Ignition Residue	0-2.5 (%)	1.38817 %
PH(0.5% Water)	7-10	8.55000
Viscosity(TU-4 Cup,5% in water,25°C)	44-55 (S)	45.00000 S
Average Mv	1980000-2020000	2000000.00000
Appearance (P101345)	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