

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-10 13:45:54

Date of Next Testing: 2027-08-31 13:45:54

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

CAS Number: 68441-17-8

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

Lot #: I2509754

SKU # **P101345**

Version **1**

Analysis #: **563671**

Storage Temperature: Room temperature,Desiccated

Parameter	Limit Values	Result
Ignition Residue	0-2.5 (%)	0.15000 %
Viscosity(TU-4 Cup,5% in water,25°C)	44-55 (S)	45.00000 S
Loss on drying	0-10 (%)	5.10000 %
PH(0.5% Water)	7-10	7.00000
Average Mv	1980000-2020000	2000000.00000
Appearance (P101345)	White Powder or Granular Powder	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