

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-08-03 14:43:11

Date of Next Testing: 2028-07-23 14:43:11

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

CAS Number: 68441-17-8

Specifications & Purity: average Mv ~4,000,000,powder

Lot #: K2413333

SKU #: **P101346**

Version: **1**

Analysis #: **749260**

Storage Temperature: Room temperature,Argon charged,Desiccated

Parameter	Limit Values	Result
Dynamic Viscosity(0.5% in Water,25°C)	130-250 (cP)	214.98000 cP
Average Mv	3300000-4300000	3550000.00000
Ignition Residue	0-3 (%)	2.49800 %
Loss on drying	0-10 (%)	1.99000 %
PH(0.5% Water,25°C)	6-10	7.10800
Appearance (P101346)	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