

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-11-18 15:48:51
 Date of Next Testing: 2026-11-08 15:48:51
 Product Name: **Polyethylene oxide (PEO)**
 CAS Number: 68441-17-8
 Specifications & Purity: average Mv ~4,000,000,powder
 Lot #: K2413334
 SKU #: **P101346**
 Version: **1**
 Analysis #: **428450**
 Storage Temperature: Room temperature,Argon charged,Desiccated

Parameter	Limit Values	Result
Ignition Residue	0-3 (%)	2.50000 %
Loss on drying	0-10 (%)	2.00000 %
PH(0.5% Water,25°C)	6-10	7.11000
Dynamic Viscosity(0.5% in Water,25°C)	130-250 (cP)	215.00000 cP
Average Mv	3300000-4300000	3550000.00000
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