

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-04-11 13:20:47
 Date of Next Testing: 2027-04-01 13:20:47
 Product Name: **Polyethylene oxide (PEO)**
 CAS Number: 68441-17-8
 Specifications & Purity: average Mv ~4,000,000,powder
 Lot #: G2321837
 SKU #: **P101346**
 Version: **1**
 Analysis #: **493168**
 Storage Temperature: Room temperature,Argon charged,Desiccated

Parameter	Limit Values	Result
Dynamic Viscosity(0.5% in Water,25°C)	130-250 (cP)	157.00000 cP
Average Mv	3300000-4300000	4000000.00000
Ignition Residue	0-3 (%)	1.02900 %
Loss on drying	0-10 (%)	0.57500 %
PH(0.5% Water,25°C)	6-10	8.50000
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