

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-08-04 16:37:37

Date of Next Testing: 2025-07-24 16:37:37

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

CAS Number: 68441-17-8

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

Lot #: G2321814

SKU #: **P101346**

Version: **1**

Analysis #: **226343**

Storage Temperature: Room temperature,Argon charged,Desiccated

Parameter	Limit Values	Result
Dynamic Viscosity(0.5% in Water,25 °C)	130-250 (cP)	157.20000 cP
PH(0.5% Water)	7-10	8.54000
Ignition Residue	0-3 (%)	1.02988 %
Loss on drying	0-10 (%)	0.57525 %
Average Mv	3300000-4300000	4000000.00000
Appearance (P101346)	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