

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-07-29 17:28:48  
 Date of Next Testing: 2024-07-18 17:28:48  
 Product Name: **Polyethylene oxide (PEO)**  
 CAS Number: 68441-17-8  
 Specifications & Purity: average Mv ~1,000,000,powder  
 Lot #: G2227382  
 SKU #: **P101344**  
 Version: **3**  
 Analysis #: **097648**  
 Storage Temperature: Room temperature,Argon charged,Desiccated

| Parameter                   | Limit Values                    | Result                          |
|-----------------------------|---------------------------------|---------------------------------|
| Ignition Residue            | 0-2.5 (%)                       | 1.05810 %                       |
| PH(0.5% Water)              | 7-10                            | 8.88000                         |
| Loss on drying              | 0-10 (%)                        | 0.00000 %                       |
| Viscosity(25°C,5% in Water) | 2000-4500(mPa·S)                | 3731.00000 mPa·S                |
| Appearance (P101344)        | 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