

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-10-10 11:34:49

Date of Next Testing: 2028-10-09 11:34:49

Product Name: **Poly(ethylene oxide)(PEO)**

CAS Number: 25322-68-3

Specifications & Purity: average Mv 400,000, powder

Lot #: I2528087

SKU # **P432440**

Version **1**

**Analysis #:** **267618**

Storage Temperature: Room temperature

| Parameter                                | Limit Values          | Result                |
|------------------------------------------|-----------------------|-----------------------|
| Viscosity(C=5%,H2O at 25°C)              | 2250-4500 (cP)        | 2693.00000 cP         |
| Particle Size Distribution(-10 Mesh)     | ≥100 (%)              | 100.00000 %           |
| Particle Size Distribution(-20 Mesh)     | 96-100 (%)            | 100.00000 %           |
| Gravimetric Analysis as SiO <sub>2</sub> | 0.8-3.0 (%)           | 1.80000 %             |
| Appearance(P432440)                      | White Powder          | White powder          |
| Infrared spectrum                        | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager