

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-25 15:03:15

Date of Next Testing: 2028-09-24 15:03:15

Product Name: **Poly(ethylene glycol) (PEG)**

CAS Number: 25322-68-3

Specifications & Purity: average Mn3350

Lot #: I2517371

SKU # **P432429**

Version **3**

**Analysis #:** **513788**

Storage Temperature: Room temperature

| Parameter                    | Limit Values                                                    | Result                                                          |
|------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------|
| PH (5%, water) 25 ° C        | 4.5-7.5                                                         | 5.81000                                                         |
| Viscosity(50% in H2O , 20°C) | 65-130 (mPa·S)                                                  | 98.60000 mPa·S                                                  |
| Hydroxyl value               | 30.4-37.2 (mgKOH/g)                                             | 30.40000 mgKOH/g                                                |
| Water by Karl Fischer        | 0-1 (%)                                                         | 0.98000 %                                                       |
| Appearance(P432429)          | White Powder or Crystalline Powder or waxy solid or flaky solid | White Powder or Crystalline Powder or waxy solid or flaky solid |
| Infrared spectrum            | Conforms to Structure                                           | Conforms to Structure                                           |



John Su  
QA & QC Manager