

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-03-28 08:56:33

Date of Next Testing: 2029-03-27 08:56:33

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

CAS Number: 25322-68-3

Specifications & Purity: 35000

Lot #: C2624051

SKU #: **P432416**

Version: **1**

Analysis #: **308910**

Storage Temperature: Room temperature

| Parameter                                | Limit Values                                    | Result                                          |
|------------------------------------------|-------------------------------------------------|-------------------------------------------------|
| Melting point                            | 64-66 (°C)                                      | 65.85000 °C                                     |
| Water by Karl Fischer                    | 0-1 (%)                                         | 0.30990 %                                       |
| Sulfated Ash                             | 0-0.2 (%)                                       | 0.00000 %                                       |
| Viscosity(50% in H <sub>2</sub> O, 20°C) | 11000-14000 (mPa·S)                             | 11160.00000 mPa·S                               |
| Hydroxyl value                           | 2.5-4.5 (mgKOH/g)                               | 3.72000 mgKOH/g                                 |
| Appearance(P432416)                      | Colorless or White Powder or Crystals or Flakes | Colorless or White Powder or Crystals or Flakes |
| Infrared spectrum                        | Conforms to Structure                           | Conforms to Structure                           |



John Su  
QA & QC Manager