

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-07-24 10:13:34  
 Date of Next Testing: 2030-07-23 10:13:34  
 Product Name: **Polyethylene glycol (PEG)**  
 CAS Number: 25322-68-3  
 Specifications & Purity: average Mn 10000  
 Lot #: G2615588  
 SKU #: **P103731**  
 Version: **4**  
 Analysis #: **746080**  
 Storage Temperature: Room temperature, Desiccated, Cool

| Parameter                                                                     | Limit Values           | Result                 |
|-------------------------------------------------------------------------------|------------------------|------------------------|
| Melting point                                                                 | 61-66 (°C)             | 65.73000 °C            |
| pH                                                                            | 4-7                    | 6.79000                |
| Ignition Residue                                                              | 0-0.2 (%)              | 0.00000 %              |
| Hydroxy Value                                                                 | 9-11 (mgKOH/g)         | 9.00000 mgKOH/g        |
| Average Mn                                                                    | 8500-11500             | 9930.00000             |
| Appearance (P103731)                                                          | white powder or flakes | white powder or flakes |
| Infrared spectrum                                                             | Conforms to Structure  | Conforms to Structure  |
| Solubility in H <sub>2</sub> O , Colorless, clear to slightly hazy, 100 mg/ml | pass                   | Pass                   |



John Su  
QA & QC Manager