

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-06-06 13:49:14

Date of Next Testing: 2026-06-05 13:49:14

Product Name: **Polyethylene glycol**

CAS Number: 25322-68-3

Specifications &amp; Purity: average Mn 4000

Lot #: E2231308

SKU #: **P103724****Analysis:** **082952**

Storage Temperature: Desiccated

| Parameter                         | Limit Values                                 | Result                                       |
|-----------------------------------|--|--|
| PH                                | 4-7  | 6.72   |
| Molecular number                  | 3500-4500                                    | 4400.00                                      |
| Ignition Residue                  | 0-0.2 (%)                                    | 0.00 %                                       |
| Viscosity(250mg/ml in water,40°C) | 5.5-9 (mm <sup>2</sup> /s)                   | 5.65 mm <sup>2</sup> /s                      |
| Melting point                     | 58-61 (°C)                                   | 60.91000 °C                                  |
| Appearance (P103724)              | White to Off-White Powder or Solid or Chunks | White to Off-White Powder or Solid or Chunks |
| Infrared spectrum                 | Conforms to Structure                        | Conforms to Structure                        |

John Su  
QA & QC Manager