

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-04-23 17:19:04
Date of Next Testing: 2029-04-22 17:19:04
Product Name: **Polyethylene glycol 4000 (PEG)**
CAS Number: 25322-68-3
Specifications & Purity: PharmPure™, Ph.Eur.
Lot #: D2622524
SKU #: **P432443**
Version: **2**
Analysis #: **674329**
Storage Temperature: Room temperature

| Parameter | Limit Values | Result |
|------------------------------|------------------------------|------------------------------|
| pH(25°C 5% aqueous solution) | 4.5-7.5 | 6.67000 |
| Residue on Ignition | 0-0.1 (%) | 0.00000 % |
| Water by Karl Fischer | 0-1 (%) | 0.53830 % |
| Sulphated ash | 0-0.2 (%) | 0.06740 % |
| Hydroxyl value | 25-32(mgKOH/g) | 25.44000 mgKOH/g |
| Mole Weight, Average | 3600-4400 | 4026.00000 |
| Viscosity(210° F) | 110-158 (mm ² /s) | 132.00000 mm ² /s |
| Ethylene oxide | 0-0.0001 (%) | 0.00010 % |
| 1,4-Dioxane | 0-0.001 (%) | 0.00080 % |
| formaldehyde | 0-0.0015 (%) | 0.00100 % |
| Diethylene glycol | 0-0.03 (%) | 0.02000 % |
| Ethylene Glycol | 0-0.03 (%) | 0.02000 % |
| Appearance(P432443) | White solid | White Solid |



John Su
QA & QC Manager