

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-06-11 13:25:32
Date of Next Testing: 2027-06-11 13:25:32
Product Name: **Polyethylene glycol 4000**
CAS Number: 25322-68-3
Specifications & Purity: Pharmaceutical grade Ph Eur
Lot #: F2406475
SKU #: **P432443**
Version: **1**
Analysis #: **348396**
Storage Temperature: Room temperature

| Parameter | Limit Values | Result |
|------------------------------|------------------------------------|------------------------------------|
| Mole Weight, Average | 3600-4400 | 4184.00000 |
| pH(25°C 5% aqueous solution) | 4.5-7.5 | 6.44000 |
| Hydroxyl value | 25-32 | 26.07000 |
| Water by Karl Fischer | 0-1 (%) | 0.66 % |
| Sulphated ash | 0-0.2 (%) | 0.00000 % |
| Viscosity(210° F) | 110-158 (mm ² /s) | 118.00000 mm ² /s |
| Residue on Ignition | 0-0.1 (%) | 0.00000 % |
| Ethylene oxide | 0-0.0001 (%) | 0.00 % |
| 1,4-Dioxane | 0-0.001 (%) | 0.00000 % |
| formaldehyde | 0-0.0015 (%) | 0.00 % |
| Diethylene glycol | 0-0.03 (%) | 0.02000 % |
| Ethylene Glycol | 0-0.03 (%) | 0.01 % |
| Appearance(P432443) | white solid with a waxy appearance | white solid with a waxy appearance |



John Su
QA & QC Manager