

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-12-03 16:29:01  
Date of Next Testing: 2028-12-02 16:29:01  
Product Name: **Polyethylene glycol 4000 (PEG)**  
CAS Number: 25322-68-3  
Specifications & Purity: PharmPure™, Ph.Eur.  
Lot #: L2502007  
SKU #: **P432443**  
Version: **2**  
Analysis #: **607111**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
pH(25°C 5% aqueous solution)	4.5-7.5	6.56000
Residue on Ignition	0-0.1 (%)	0.00000 %
Water by Karl Fischer	0-1 (%)	0.89 %
Sulphated ash	0-0.2 (%)	0.00000 %
Hydroxyl value	25-32(mgKOH/g)	26.76000 mgKOH/g
Mole Weight, Average	3600-4400	4395.00000
Viscosity(210° F)	110-158 (mm <sup>2</sup> /s)	134.00000 mm <sup>2</sup> /s
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 (%)	0.02200 %
Ethylene Glycol	0-0.03 (%)	0.03 %
Appearance(P432443)	White solid	White Solid



John Su  
QA & QC Manager