

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-31 11:42:37
 Date of Next Testing: 2028-10-30 11:42:37
 Product Name: **Polyethylene glycol 4000 (PEG)**
 CAS Number: 25322-68-3
 Specifications & Purity: PharmPure™, Ph.Eur.
 Lot #: J2530336
 SKU #: **P432443**
 Version: **2**
 Analysis #: **507203**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
pH(25°C 5% aqueous solution)	4.5-7.5	6.91000
Residue on Ignition	0-0.1 (%)	0.00000 %
Water by Karl Fischer	0-1 (%)	0.46890 %
Sulphated ash	0-0.2 (%)	0.00000 %
Hydroxyl value	25-32(mgKOH/g)	25.99000 mgKOH/g
Mole Weight, Average	3600-4400	3999.00000
Viscosity(210° F)	110-158 (mm2/s)	131.00000 mm2/s
Ethylene oxide	0-0.0001 (%)	0.00000 %
1,4-Dioxane	0-0.001 (%)	0.00000 %
formaldehyde	0-0.0015 (%)	0.00010 %
Diethylene glycol	0-0.03 (%)	0.00210 %
Ethylene Glycol	0-0.03 (%)	0.00270 %
Appearance(P432443)	white solid with a waxy appearance	white solid with a waxy appearance



John Su
 QA & QC Manager