

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-11-13 12:04:48

Date of Next Testing: 2027-11-13 12:04:48

Product Name: **Polyethylene glycol 400 (PEG)**

CAS Number: 25322-68-3

Specifications & Purity: PharmPure™, Ph.Eur.

Lot #: K2411329

SKU #: **P432449**

Version: **1**

Analysis #: **430653**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Average Molecular Weight	380-420	391.00000
PH(25degC 5% aqueous solution)	4.5- 7.5	5.60000
Viscosity(210° F)	6.8-8.0 (mm2/s)	7.30000 mm2/s
Residue on Ignition	0-0.1 (%)	0.10000 %
Hydroxyl value	264-300 (mgKOH/g)	287.00000 mgKOH/g
Ethylene oxide	0-1 (ppm)	0.00000 ppm
1,4-Dioxane	0-10 (ppm)	0.00000 ppm
Water by Karl Fischer	0-0.5 (%)	0.04000 %
Formaldehyde	0-30 (ppm)	30.00000 ppm
Ethylene glycol and Diethylene glycol(EG+DEG)	0-0.4 (wt%)	0.02440 wt%
Sulphated ash	0-0.2 (%)	0.20000 %
Appearance(P432449)	clear, viscous, almost colorless liquid	clear, viscous, almost colorless liquid



John Su
QA & QC Manager