

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2023-05-22 16:58:03
Date of Next Testing:	2026-05-21 16:58:03
Product Name:	Polyethylene glycol 400
CAS Number:	25322-68-3
Specifications & Purity:	Pharmaceutical grade, Ph. Eur.
Lot #:	E23171135
SKU #	P432449
Version	1
Analysis #:	222682
Storage Temperature:	Room temperature

Parameter	Limit Values	Result
Average Molecular Weight	380-420	391.00
PH(25degC 5% aqueous solution)	4.5- 7.5	5.60000
Viscosity(210° F)	6.8-8.0 (mm ² /s)	7.20000 mm ² /s
Residue on Ignition	0-0.1 (%)	0.01000 %
Hydroxyl value	264-300 (mgKOH/g)	287.00 mgKOH/g
Ethylene glycol and Diethylene glycol(EG+DEG)	0-0.4 (wt%)	0.00000 wt%
Ethylene oxide	0-1 (ppm)	0.00000 ppm
1,4-Dioxane	0-10 (ppm)	0.00000 ppm
Water by Karl Fischer	0-0.5 (%)	0.10 %
Formaldehyde	0-30 (ppm)	10.00000 ppm
Sulphated ash	0-0.2 (%)	0.10000 %
Appearance(P432449)	clear, viscous, almost colorless liquid	clear, viscous, almost colorless liquid



John Su
QA & QC Manager