

Certificate of Analysis

Product: Polyethylene Glycol (PEG) 4000

Item Number: PEG4000GL

Grade: Lab

Lot Number: 5000677/1.1

Manufacture Date: 12/01/2023

Expiration Date: 11/30/2026

Country of Origin: Mexico

Tested Property	Specification	Analysis
Hydroxyl number	25.50 - 30.30 mg KOH/g	27.94
Moisture	0.00 - 0.50 %	0.28
pH of 5% solution at 25 degree C	4.50 - 7.50	6.80
Color APHA of 25% solution	0.00 - 30.00	15.00
Molecular weight	3700 - 4400 g/gmol	4016.48
Kinematic Viscosity @ 210 degree F	110.0 - 158.0 cSt	121.05
Free Ethylene Oxide	0.00 - 10.00 ppm	0.00
1,4 - Dioxane	0.00 - 10.00 ppm	1.00
Heavy metals	0.00 - 5.00 ppm	0.00
Residue on ignition	0.00 - 0.10%	0.03

[Polyethylene Glycol \(PEG\) 4000](#)

Note: The information and recommendations of Lab Alley concerning this product are based upon laboratory tests and experience. To the best of our knowledge and belief these are true and accurate, however Lab Alley assumes no obligation or liability for the information in this document. Since conditions of actual use are beyond our control, any recommendations or suggestions regarding merchantability and fitness for particular purposes are made without warranty, expressed or implied.

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