



Certificate of Analysis

Product: Polyethylene Glycol (PEG) 8000, Granular

Item Number: PEG8000GN

Grade: NF

Lot Number: 5000182/1.1

Manufacture Date: 09/25/2022

Expiration Date: 09/24/2026

Country of Origin: United States

Tested Property	Specification	Analysis
Mole weight (average)	7000 - 9000	8934
Appearance	White Solid with a waxy appearance	Pass
Identification A	To pass the test	Pass
Identification B, C	To pass the test	Pass
pH (5% aq. sol) @25°C	4.5 - 7.5	6.6
Residue on Ignition	<0.1%	Pass
Sulfated Ash	<0.2%	Pass
Ethylene Oxide	Max 10 ppm	0
1, 4 - Dioxane	Max 10 ppm	Pass
Acidity (Less than 0.1ml of 0.1M NaOH)	To pass the test	Pass
Hydroxyl value	12 - 16	13
Water	Max 1.0 wt%	0.1
Reducing Substance	To pass the test	Pass
Formaldehyde	<15 ppm	Pass
Acetic Acid	<5000 ppm	Pass
BHT	Nominal 100 ppm	Pass
Diethylene glycol	Max 300 ppm	<21
Ethylene Glycol	Max 300 ppm	0
Color, Pt-Co (25% aq. sol)	Max 18	8
Mole weight (average)	7000 - 9000	8934

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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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