

Certificate of Analysis

Product: Polyethylene Glycol (PEG) 8000, Granular

Item Number: PEG8000GN

Grade: NF

Lot Number: 5001350/2.1

Manufacture Date: 03/04/2024

Expiration Date: 03/03/2027

Country of Origin: United States

Tested Property	Specification	Analysis
Appearance	Neat	Pass
Identification A	To pass the test	Pass
Identification B, C	To pass the test	Pass
Residue on Ignition	<0.1%	Pass
Ethylene Oxide	Max 1 ppm	0
1, 4 - Dioxane	Max 10 ppm	0
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
Reducing Substance	To pass the test	Pass
Formaldehyde	<15 ppm	Pass
Acetic Acid	<5000 ppm	Pass
BHT	<=140 ppm	Pass
Diethylene glycol	Max 300 ppm	<21
Ethylene Glycol	Max 300 ppm	0
Color, Pt-Co (25% aq. sol)	Max 18	6
Completeness and Color of Solution (10% aqueous solution)	To Pass Test	Pass
Appearance of Solution (25% aqueous solution)	To Pass Test	Pass
Viscosity @ 210°F	500 - 900 cSt	840
Viscosity @ 20°C, 50% aqueous	260 - 510 mPa.s	421

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Freezing Point	55 - 62°C	Pass
pH at 25°C (5g/100mL water)	4.5 - 7.5	6.6

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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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