

Certificate of Analysis

Product: Polysorbate 80, Food Grade, Kosher, Halal

Item Number: PS80F

CAS#: 9005-65-6

Grade: NF

Lot Number: 5002285/1.2

Manufacture Date: 02/28/2026

Expiration Date: 02/27/2029

Country of Origin: United States

Tested Property	Specification	Analysis
Myristic, %	Max 5.0%	0.26
Palmitic, %	Max 16.0%	5.35
Palmitoleic, %	Max 8.0%	Nil
Stearic, %	Max 6.0%	1.88
Oleic, %	Min 58.0%	82.80
Linoleic, %	Max 18.0%	Nil
Linolenic, %	Max 4.0%	Nil
1, 4 Dioxane, ppm	Max 5	<1.0
Ethylene oxide, ppm	Max 1.0	< 0.1
Hydroxyl Value, mgKOH/g	65.0 - 80.0	71
Ignition residue, wt%	Max 0.250	0.099
Acid Value, mgKOH/g	Max 2.0	0.74
Heavy metals, ppm	Max 10.0	<10.0
Viscosity, 25°C, cSt	300.0 - 500.0	434.14
Peroxide value, ppm	Max 10.0	1.00
Saponification value, mgKOH/g	45.0 - 55.0	46
Moisture, %	Max 3.0	2.24
Gardner color, 25°C	Max 6 G	3.0
Composition of Fatty Acids	Meets the requirements	Pass
Infra-Red Absorption	To Pass the Test	Pass

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Specific Gravity

1.06 - 1.09

1.08

Store in cool, dry, well-ventilated environment.

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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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