LAB ALLEY
ESSENTIAL CHEMICALS

Certificate of Analysis

Product: Polysorbate 80, Derived from Palm, NF/FCC Grade, RSPO, Kosher, Halal
Item Number: PS80FP
CAS#: 9005-65-6
Grade: FCC,NF
Lot Number: 5001853/2.1
Manufacture Date: 03/31/2026
Expiration Date: 03/30/2029
Country of Origin: India

Tested Property	Specification	Analysis
Appearance	Yellow to Amber Oily Liquid	Pass
Acid Value	Max. 2	0.83
Saponification Value	45 - 55	47
Hydroxyl Value	65 - 80	72
Peroxide Value	Max. 10	4.44
Moisture	Max. 3.00%	2.07%
Residue on Ignition	Max. 0.25	0.16
1,4 Dioxane	Max. 10 ppm	<1 ppm
Ethylene Oxide	Max. 1 ppm	<0.12 ppm
Specific Gravity	1.06 - 1.09	1.07
Viscosity at 25ºC	300 - 500 cst	429.24 cst
Composition of Fatty Acids:		
C14	Max. 5%	0.13%
C16	Max. 16%	5.83%
C16:1	Max. 8%	-
C18	Max. 6%	2.12%
C18:1	Min. 58%	82.77%
C18:2	Max. 18%	-
C18:3	Max. 4%	-

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Store in a cool, dry, and well-ventilated environment at room temperature.
Supply Chain Certification Number: SCS-RSPOSCC-000514

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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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