

Certificate of Analysis

Product: Sodium Stearate, Derived from Palm Oil, RSPO MB, Kosher, Halal
Item Number: SOSTFP
Grade: USP/NF/Food
Lot Number: 5001170/4.1
Manufacture Date: 04/08/2024
Expiration Date: 04/07/2026
Country of Origin: Singapore

Tested Property	Specification	Analysis
Appearance	Powder	Powder
ID Freezing of Fatty Acids	>54oC	58oC
ID Fatty Acid Retention Time	Conforms	Conforms
ID Test for Sodium	Conforms	Conforms
Chlorides	<0.10%	0.05%
Sulfates	<0.3%	<0.3%
Iodine Value, gI2/100g	<1.0	<1.0
Sodium, %	7.4-8.5%	7.8%
Insoluble Substances	To Pass Test	Passed
Sieve Residue (100 Mesh)	<0.5%	0.4%
Bulk Density	200-320g/L	231g/L
Sulfated Ash	22.8-26.2%	24.0%
Acidity	0.85-1.2%	1.2%
Acidity mL NaOH 0.1M	0.60-0.85mL	0.84mL
Sodium Stearate Comp (C18)	Min 40%	42.9%
Sodium Stearate Comp (C16 + C18)	Min 90%	97.6%
Residual Solvents	Conforms	Conforms
Total Aerobic Microbial Count	<1000 CFU	<10 CFU
Mold & Yeast	<100 CFU	<10 CFU
Nickel	Max 5ppm	<0.4ppm

Phone: 512-668-9918, Fax: 512-886-4008,
 E-mail: customercare@laballey.com,
www.laballey.com,

12501 Pauls Valley Road, Suite A, Austin, Texas 78737.

© copyright: 2025 Lab Alley



Supply Chain Certification Number: SCS-RSPOSCC-000514

[Sodium Stearate, Derived from Palm Oil, RSPO MB, Kosher, Halal](#)

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.

Phone: 512-668-9918, Fax: 512-886-4008,
E-mail: customercare@laballey.com,
www.laballey.com,

12501 Pauls Valley Road, Suite A, Austin, Texas 78737.

© copyright: 2025 Lab Alley