

**PRODUCT SPECIFICATION SHEET**  
**Sodium Stearate, Derived from Palm Oil, RSPO MB**  
**Product Specification**

Test	Specification	Typical Results
Identification A, Freezing point of Fatty Acids	Min 54°C	Pass
Identification B, Acid Value of Fatty Acids	196 - 210 mgKOH/g	Pass
Identification C, Fatty Acid GC Retention Time	Conforms the retention time	Pass
Identification D for Sodium	Passes the test	Pass
Fatty Acid Composition, C18	Min 40.0%	Pass
Fatty Acid Composition, C16 + C18	Min 90.0%	Pass
Acidity or Alkality (0.1M)	0.6 - 0.85 ml	Pass
Chloride	Max 0.1%	<0.1
Sulphates	Max 0.5%	<0.5
Heavy metals (total)	Max 10 ppm	<10
Lead	Max 2 ppm	<2
Nickel	Max 5 ppm	<5
Cadmium	Max 1 ppm	<1
Sodium	7.40 - 8.50%	Pass
Loss on drying @105°C	Max 2.0%	<2.0
Sulphated Ash	22.8 - 26.2%	Pass
Sieve Residue 100 mesh	Max 0.5%	<0.5
Residual Solvents	Passes the test	Pass
Bulk Density	200 -320 g/L	Pass
Total aerobic microbial count	Max 1000 CFU/g	<1000
Mould and Yeast	Max 100 CFU/g	<100
Escherichia Coli	Absent/g	Absent
Salmonella	Absent/10g	Absent

Appropriate/legal use of this product is the responsibility of the user.

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