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Product Specification

Product Name: RBD Palm Stearin

Product description: RSPO certified RBD Palm Stearin

ANALYSIS	STANDARD	TEST METHOD
Color Lovibond 5.25" cell, Red	2.5 Max	AOCS Ce 13e-92
Iodine Value (WIJS), g I/100g	30 - 35	AOCS CA 1b-87
Slip Melting Point, °C	52 - 55	AOCS Ce 3-25
Peroxide Value, meq/kg	1.0 Max	AOCS Cd 8b-90
Moisture & Impurities, % wt	0.1 Max	AOCS Ca 2b-38
Free Fatty Acid, % wt (as Palmitic Acid)	0.1 Max	AOCS Ca 5a-40
Smell	Normal	Organoleptic
Appearance	Solid	Visual
Taste	Bland	Organoleptic

Solid Fat Content at temperature:

20°C, %	67 - 73	IUPAC 2.150a
25°C, %	55 - 61	IUPAC 2.150a
30°C, %	44 - 50	IUPAC 2.150a
35°C, %	35 - 41	IUPAC 2.150a
40°C, %	26 - 32	IUPAC 2.150a

Microbiology:

Total Plate Count, Col/gram	10 ⁴ Max	FDA - BAM Chapter 3
Coliform, MPN	10 Max	FDA - BAM Chapter 4
Escherichia Coli, MPN	<3	FDA - BAM Chapter 4
Salmonella, Col/25gram	Negative	FDA - BAM Chapter 5
Staphylococcus aureus, Col/gram	10 ³ Max	FDA - BAM Chapter 12
Enterobacteriaceae, Col/gram	10 ³ Max	ISO 21528-2:2008

Note: The analysis result mentioned above is at the time/date of product released

Trace Metal:

Arsenic (As), ppm	0.1 Max	MU/MAKMIN/13 (SSA)
Iron (Fe), ppm	1.5 Max	AOAC 999.11 (9.1.09.2011)
Copper (Cu), ppm	0.1 Max	AOAC 999.11 (9.1.09.2011)
Nickel (Ni), ppm	0.1 Max	AOAC 999.11 (9.1.09.2011)
Lead (Pb), ppm	0.1 Max	AOAC 999.11 (9.1.09.2011)
Mercury (Hg), ppm	0.05 Max	MU/MAKMIN/12 (SSA)
Cadmium (Cd), ppm	0.1 Max	AOAC 999.11 (9.1.09.2011)

