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PRODUCT NAME

Refined, Bleached and Deodorized Coconut Oil.

DESCRIPTION

Refined, bleached and deodorized coconut oil. Considered to be a “solid fat” with melting properties near room temperatures. It is water-like in appearance when melted, one of the cleanest tasting, and naturally stable vegetable oils.

APPLICATION

Widely used in confectionery applications as a centre fat, ice cream bar coating fat, frozen whipped toppings, coffee whiteners, baby food, roasting oil for nutmeats and calf milk replacers. Non food applications include personal care product ingredients, lauric fatty acid products, and soap making.

QUALITY VALUES

Specific Characteristics	Limits
FFA	Max. 0.1%
Colour (5¼” Lovibond) Red	Max 1.5
Peroxide Value	Max. 1
Taste	Bland
Moisture and Impurities	Max. 0.1%
Melting Point (in °C)	23 – 27
Iodine Value	Max 10.5

TYPICAL VALUES

Fatty Acid Composition	Typical Ranges
C6:0	~ 0.5
C8:0	~ 8
C10:0	~ 6
C12:0	43 – 51
C14:0	16 – 21
C16:0	7.5 – 10
C18:0	2 – 4
C18:1	5 – 10
C18:2	1 – 2.5
C18:3	~ 0.1
C20:0	~ 0.1

Solid Fat Content	Limits
at 20° C	34 – 42
at 30° C	Max. 5
at 40° C	-

	Limits
Saturated Fatty Acids	~ 91
Mono-unsaturated Fatty Acids	~ 7
Poly-unsaturated Fatty Acids	~ 1
Trans Fatty Acids	max.1

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GENERAL VALUES

	Size	Limits
Arsenic (As)	mg/kg	< 0.1
Cadmium (Cd)	mg/kg	< 0.02
Copper (Cu)	mg/kg	< 0.05
Iron (Fe)	mg/kg	< 0.5
Lead (Pb)	mg/kg	< 0.1
Mercury (Hg)	mg/kg	< 0.02
Nickel (Ni)	mg/kg	< 0.2
Phosphorous	mg/kg	< 5

	Size	Limits
Pesticides	µg/kg	< 10
PAH's total	µg/kg	< 25
PAH's heavy	µg/kg	< 5
Benzo(a)pyrene	µg/kg	< 2
Dioxins TEQ-WHO	µg/kg	< 0.75
Aflatoxin B1	µg/kg	< 2

	Size	Limits
Microbiology		
Total Viable Count	CFU/g	≤ 1000
Enterobacteriaceae	CFU/g	≤ 10
Lypolitical micro organisms	CFU/g	≤ 10
Yeasts	CFU/g	≤ 10
Moulds	CFU/g	≤ 10
Salmonella	g	Absent/25

REMARKS

The raw materials are not produced from genetically modified organisms (GMO). The product has not been treated with ionizing radiation.

NOTE: This product does not require a Material Safety Data Sheet. It is a food grade product which is intended for edible uses. It is not a health, safety or toxic hazard. This specification is provided for information purposes only and should not be relied upon as a basis for product performance. It is suggested that you evaluate the product on at least a laboratory basis prior to its commercial usage. NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A SPECIFIC USE OR PURPOSE, EXPRESS OR IMPLIED, ARE MADE. These specifications are not intended to and shall not be construed to be instructions or suggestions for use which may be in violation of patent rights.