



TECHNICAL DATA

(Not a specification)

Product Name: **Coconut Oil, Organic**
 Source: Fruit of the Coconut Palm (*Cocos nucifera*)
 Manufacturing: Expeller pressed, organically bleached, deodorized
 Ingredients: Coconut oil – derived from organic fruit of the Coconut Palm

Organic coconut oil is a highly saturated oil making it very stable against oxidation. Coconut oil is used in culinary applications ranging from shortening and margarines to popping corn and confectionery products. Coconut oil is extensively used in many cosmetic applications including specialty soaps, sun preparations, creams and lotions.

<u>Property</u>	<u>Typical Analysis</u>	<u>Method</u>
Appearance	Opaque, off-white solid; clear when liquid	Observation
Organoleptic	Bland to mild coconut	Sensory Evaluation
Color (Lovibond)	≤10Y, 1.5 R	AOCS Cc 13b-45, 5¼ cell
Moisture	≤0.05%	AOCS Ca 2e-84
Specific Gravity	0.908 to 0.921	AOCS Cc 10c-95 @ 20°C
Free Fatty Acid	≤0.2%	AOCS Ca 5a-40, as Lauric Acid
Peroxide Value	≤1.0 meq/kg	AOCS Cd 8b-90
Iodine Value	6 to 12	AOCS Cd 1d-92
Saponification Value	248 to 268	AOCS Cd 3-25
Smoke Point	168°C	AOCS Cc 9a-48
AOM to 100 meq/kg	122 Hrs	AOCS Cd-12-57

Typical Fatty Acid Profile (%) AOCS Ce 1e-91

C12:0	Lauric	40 to 56
C14:0	Myristic	16 to 21
C16:0	Palmitic	6 to 11
C18:0	Stearic	1 to 4
C18:1	Oleic	4 to 9
C18:2	Linoleic	1 to 2
C18:3	Linolenic	≤0.5

Packaging and Storage: Store in a cool dry place (50 to 68 degrees F optimum) away from direct sources of sunlight, heat and other oxidizers. Properly stored unopened containers have an expected shelf life of 24 months from the date of manufacture.

<u>Item Number</u>	<u>Size</u>	<u>Container Description</u>
120560	418 lb	Closed head food grade steel drum, top openings are 2" and ¾" National Coarse Thread, no side bung.

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