

Certificate of Analysis

Product : **Coconut MCT C8 Oil ORGANIC**
Product code : 0313100
Batch : **08597-org**
Species : Cocos nucifera
Manufacturing date : 10-2025
Beste use before : 10-2028

Date 5-1-2026

R38938

Description: Fatty oil obtained from the dried, solid part of the endosperm of Cocos nucifera L., the Organic Coconut Oil is produced to EU Organic standards and processes including fractional distillation without the use of chemicals. This oil is produced from organically grown coconuts.

Analytical results:

Parameter:	unit:	min:	max:	results:
C8:0 Caprylic	A%	95.0		99.2
Acid value	mg KOH/g		1.0	0.01
Peroxide value	meq/kg		3.0	0.1
Anisidine value ²			15.0	<0.5
Totox value			25.0	<0.7
Moisture	%		0.1	<0.01
Saponification value ²	mg KOH/g	345.0	370.0	354.7
Unsaponifiable matter ²	%		1.0	<0.1
Refractive index at 20°C ²		1.430	1.462	1.448
Specific gravity 20 / 20°C ²	g/ml	0.930	0.960	0.952
Hydroxyl value	mg KOH/g		10.0	3.0
Lead ¹	mg/kg		0.1	<0.05
Cadmium ¹	mg/kg		0.05	<0.02
Mercury ¹	mg/kg		0.05	<0.005
Arsenic ¹	mg/kg		0.1	<0.02
Benzo (a) Pyrene ¹	µg/kg		2.0	<0.1
Sum of B(a)P, B(a)A, B(b)F, chrysene ¹	µg/kg		10.0	<1.0
Sum of dioxins and furans (as WHO-PCDD/F-TEQ/g) ¹	pg/g		0.75	<0.148
Sum of dioxins, furans, dioxin-like PCBs (WHO-PCDD/F-PCB-TEQ/g) ¹	pg/g		1.25	<0.236
PCB's (Sum 28, 52, 101, 138, 153, 180) (Total 6 DIN-PCB) ¹	ng/g		40	<1.0
Salmonella ¹	cfu/25g		ND	ND
Yeast & moulds ¹	cfu/ml		100	<10
Total viable count (TVC) ¹	cfu/g		1000	<10
E. Coli ¹	cfu/ml		ND	ND
Staphylococcus Aureus ¹	cfu/ml		ND	ND

Pesticide residues in accordance with European Food Law¹

¹ These parameters are tested annually on a random batch

² These parameters are tested 3 times a year on a random batch

Best use date, storage and packaging:

The oil has a best use date of 36 months in the original packing. If packed in fluorinated HDPE drums best use within 12 months from packing date. Store in a cool and dry place, avoid light and heat. The oil is packed under nitrogen, once opened use content quickly. When taking material fill the drum again with nitrogen and close the drum airtight to avoid oxidation.