



Product Specification for Organic Virgin Coconut Oil

SPECIFICATION

Product	Organic Virgin Coconut Oil
INCI Name	Cocos Nucifera Oil
CAS Number	8001-31-8
EINECS Number	232-282-8
Shelf life	24 Months from Date of Manufacture

Chemical and Physical Parameters				
Analysis	Comment	Specification	UOM	Based on method
Free fatty acid	as Oleic acid	1 max.	%	NEN 660:2009
Peroxide value		6 max.	meq/kg	AOCS Cd8b:90(09)
Refractive index	as ND40	1,4470 - 1,4500	n/a	IUPAC 2.102
Iodine value	Calculated	10 max.	n/a	NEN 3961:1999
Pesticides		-	mg/kg	
Fatty acid profile				NEN 5508:1995
C 6:0		1 max.	%	
C 8:0		4-12	%	
C 10:0		5-8	%	
C 12:0		45-43	%	
C 14:0		16-21	%	
C 16:0		6-10	%	
C 18:0		1.5-4	%	
C 18:1		4-10	%	
C 18:2		0.5-3	%	



Product Specification for Organic Virgin Coconut Oil

Extraction Method:	Wet fermentation method
Packaging:	Cartons 10 kg, white plastic pails 25 kg, 190kg metal drums net
Storage:	Store in original unopened packaging in a cool dry place
Shelf life:	24 months in original unopened packaging.
Solubility:	Insoluble in water. Soluble in natural oils and non-polar organic solvents.
Safety:	Refer to MSDS. Not considered hazardous.
Revision Date:	March 2020