



THE SAVANNAH FRUITS COMPANY LTD

Document Reference: SFC-820-A08

Product Specification for Organic Virgin Coconut Oil FFL

SPECIFICATION

Product	Organic Virgin Coconut Oil FFL
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
Acid Value		2.0 max	Mg KOH/g	DGF C-V 2 (06) 2012 (a)
Free fatty acid	as Oleic acid	1.0 max	%	DGF C-V 2 (06) 2012 (a)
Peroxide value		6 max	Meq O ₂ /kg	DGF C-VI 6a I (05) (a) 1
Iodine value	Calculated	10.0 max	g/100g	DGF C-V 11d(14) (a) 1
Refractive Index	as ND40	1.4470 – 1.4500 max	n/a	Ph.Eur. 20206 (na) 1
Appearance	White-clear when in liquid form	-	n/a	
Unsaponifiable Matter (Diethylether)		100	%	MP-01330-NL ISO 3596:2000
Pesticides		n.d	Mg/kg	(a) 1
Fatty acid profile				PM DE01.077:2014-04 (a)
C 6:0		<1	%	
C 8:0		4.0 – 12.0	%	
C 10:0		5 – 8	%	
C 12:0		45 – 53	%	
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	%	



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Extraction Method:	Wet fermentation
Packaging:	Jerricans 25 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 SDS. Not considered hazardous.
Revision Date:	March 2021