



PRODUCT SPECIFICATION SHEET FOR COCONUT OIL

GENERAL INFORMATION			
INCI Name	Cocas Nucifera (Coconut Oil)		
Botanical source	<i>Cocos nucifera L.</i>		
Botanical family	Arecaceae		
Common name	Virgin Coconut oil		
Description	Fixed oil obtained from Cocos nucifera L. Fruits		
Status	Conventional / Organic		
Part of Plant Used	Fruits		
Production Process	Cold Pressed		
Origin	Egypt		
Manufacturer	Pure Essential Oils & Herbs Co.		
REGULATORY INFORMATION			
FEMA	2332	EINECS	271-974-4
FDA	182.2	CAS EINECS	232-282-8
CAS TCSA	8001-31-8	Product Code	PCP00600
PHYSICAL PROPERTIES			
Appearance	Chrystal White Liquid (Clear colorless)		
Odour/taste	Pleasant coco smell (Coconut aroma) /Bland taste.		
Solubility	Insoluble in Water, Soluble in alcohol and fixed oils.		
Refractive index @20°C	1.440 – 1.452	Unsaponiable Matter	<0.2
Density @20°C	0.930 – 0.960	Peroxide	0.meqO2/kg in 10g
Optical Rotation @20°C	+75.0 to 95.0	Flash point	>100 °C
Acid Value	Max. 4.0	Melting Point	25°C
Iodine value (g/100g)	5 – 17	Shelf Life	24 Months
Saponification	245 – 265 mg KOH/g	Uses	Pharmaceutical Industries
Fatty Acid Profile			
Capronic acid C6	Max 1.2 %	Myristic Acid C14:0	13.80 – 23.00 %
Caprylic Acid C8:0	4.60 – 15.00 %	Palmitic Acid C16:0	7.50 – 10.20 %
Capric Acid C10:0	5.00 – 8.00 %	Stearic Acid C18:0	1.00 – 4.50 %
Lauric Acid C12:0	40.10 – 55.0 %	Oleic Acid C18:1	5.00 – 12.00 %

STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight. When stored for more than 24 months, quality should be checked before use.

Disclaimer:

The information contained in this specification is based on data considered to be accurate and reliable as at the date of the specification to the best of the supplier's knowledge and belief. It is user's obligation to determine the safe use of the product for its own applications or suitability for use since the conditions of use, handling, storage and disposal are beyond the supplier's control. The user should therefore take all necessary precautions to ensure the safe and suitable use of the product described in the specification

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Approved by:	QA	Version:	24 Jan. 2020
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