



Organic Fractionated Coconut Oil / Organic Coconut MCT Oil

Certificate of Analysis

Material Info		Made from Virgin Organic Coconut Oil	
Verdana Lot No		1126101	
Manufacturing Date		07/2020	
Expiry Date		Re-test 07/2023	
Physio-Chemical Analysis			
TEST	PROTOCOL	Specification	Result
Color (APHA)	ASTM D 1209-84	50% Max	3
Moisture	Shimadzu MOC120H @105°C	0.1% Max	0.10%
Viscosity (mPa-s)	Inhouse Method	24.0-32.0	26.2 mPa-s
Peroxide Value meq/kg	AOAC	1.0 Max	0.4
Hydroxyl Value mg KOH/g	AOAC	10.0 Max	8.0
Acid value mg KOH/g	ISO 660	0.1 Max	0.01
Iodine Value gl/100g	Inhouse Method	1.0 Max	0.4
Saponification Value mg KOH/g	Inhouse Method	324-346	332
Density (20 Deg C) g/ccm	Anton Paar DMA 38	0.930-0.965	0.9421
Refractive Index (20 Deg C)	ATAGO ABBE Refractometer	1.447-1.453	1.4463
Fatty Acid Distribution			
C-6 Caproic Acid		0.8% Max	0.01%
C-8 Caprylic Acid		55% Min	59.56%
C-10 Capric Acid	SHIMADJU 2010 plus GC with RTX Wax column & QP 2010 Plus GCMS with SGE BP-5 column	35-45%	38.03%
C-12 Lauric Acid		1.6% Max	0.38%
Heavy Metals			
Mercury (LOQ10µg/kg)	AOAC	Absent	Absent
Cadmium (LOQ0.01mg/kg)	AOAC	Absent	Absent
Ash PPM	AOAC	0.1 max	<0.04
Copper (LOQ0.01g/kg)	AOAC	Absent	Absent
Lead PPM	AOAC	0.1 max	<0.06
Micro-Biological profile			
Aflatoxin-B1, B2, G1, G2	AOAC	Absent	Not Detected
Total Plate Count (CFU/g)	AOAC	<1000	<1000
Yeast & Mold Count (CFU/g)	AOAC	<100	<10
Salmonella in 25g	AOAC	Absent	Absent
E. coli (MPN/g)	AOAC	Absent	Absent
Total Coliforms (MPN/g)	AOAC	Absent	Absent
Packing, Storing			
Packing	International Standard packaging food grade Steel drums		
Storing condition	Store in a cool, dry, well ventilated place protected from direct light. Expiry date is for the product in unopened container.		

PESTICIDES: This product does not contain residue of pesticides at levels higher than the permitted limits as stated in USP Monograph General Chapter <561> Articles of Botanical Origin.

PROP 65: To the best of our knowledge, this product does not contain any contaminants or bi-products known to the State of California to cause cancer or reproductive toxicity as listed under Proposition 65 State Drinking Water and Toxic Enforcement Act.

Expiry date is valid if the product is stored unopened in its original container between 15°C and 30°C, protected from light. If container is opened, product must be tested at least yearly to test for potency. While the above information is true to the best of knowledge of Deepthi Organics, the buyer is responsible to test and make sure the product is suitable and meets the buyer's quality requirements considering the intended use.