



Botanic Planet

Your Supplier for Essential Oils & Botanicals Canada Inc.

Certificate of Analysis

Organic Fractionated Coconut Oil / Organic Coconut MCT Oil (Food Grade/Kosher)

Lot No **2200037**
Manufacturing Date **11/2020**
Expiry Date **Re-test 07/2023**

Physio-Chemical Analysis

TEST	PROTOCOL	Specification	Result
Color (APHA)	ASTM D 1209-84	50	3
Moisture	Shimadzu MOC120H @105°C	0.1% Max	0.10%
Viscosity (mPa-s)	EP	25.0-33.0	27.6 mPa-s
Peroxide Value meq/kg	EP	1.0 Max	0.7
Hydroxyl Value mg KOH/g	EP	10.0 Max	9.6
Acid value mg KOH/g	EP	0.2 Max	0.02
Iodine Value gI ₂ /100g	EP	1.0 Max	0.8
Saponification Value mg KOH/g	EP	310.0-360.0	336
Relative Density (20 Deg C) g/ccm	Anton Paar DMA 38	0.930-0.960	0.9467
Refractive Index (20 Deg C)	ATAGO ABBE Refractometer	1.4400-1.4520	1.4488

Fatty Acid Distribution (SHIMADZU 2010 plus GC with ZB-Flame Column & QP 2010 plus GCMS)

C-6 Caproic Acid	2.0 Max	0.03
C-8 Caprylic Acid	55% Min	58.10%
C-10 Capric Acid	20.0-50.0%	40.04%
C-12 Lauric Acid	3.0 % Max	0.62%

Heavy Metals

Mercury (LOQ10µg/kg)	EP	Absent (LOQ 0.007 mg/Kg)	Absent
Cadmium (LOQ0.01mg/kg)	EP	Absent (LOQ 0.04 mg/kg)	Absent
Arsenic	AOAC	0.1 max ppm (LOQ 0.04 mg/kg)	<0.04
Copper (LOQ0.01g/kg)	EP	Absent (LOQ 0.04 mg/Kg)	Absent
Lead PPM	EP	0.1 max (LOQ 0.06 mg/kg)	<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 un Opened container

Disclaimer & Caution

Please refer to all relevant technical information specific to the product, prior to use. This information contained in this material safety Data sheet is obtained from current and reliable sources. As an ordinary or otherwise user(s) of this product is outside the control of Botanic Planet Canada Inc., no representation or warranty, expressed or implied is made as to the effect(s) of such use (s) (including damages or injury) or any obtained. Botanic Planet Canada Inc. expressly disclaims responsibility as to the ordinary or otherwise uses.

Furthermore Botanic Planet Canada Inc. makes no claims as to the fitness for any use, and you should consider nothing container herein as a recommendation. The Liability of botanic Planet Canada Inc. is limited to the value of the goods and does not include any consequential loss. In the event of any dispute, the Customer hereby agrees that Jurisdiction is limited to the province of Ontario Canada.

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