

Essentially Natural

Products with purpose.

The Essentially Natural Domain (Pty) Ltd | Reg. No. 2014/170069/07
Unit 14, Duville Business Park, 8 Arum Lily Street, Durbanville, Cape Town, South Africa 7550
www.essentiallynatural.co.za (T) 021 976 9116 (E) support@essentiallynatural.co.za

CERTIFICATE OF ANALYSIS

Product Name:	Fractionated Coconut Oil (MCT)	Batch No:	12MC
Latin Name:	<i>Capric caprylic triglycerides</i>	Country of Origin:	Malaysia
Manufacturing Date:	11 January 2024	Retest Date:	02 October 2025
Retest:	Suggested one month prior to expiry. (Customer's responsibility)		

Fatty Acid Methyl Ester Profile:

Appearance	Specification	Last analysis
Appearance	Clear liquid	Clear liquid
Colour, APHA	30 Max	22
Density @ 20°C, gm/cc	0.93-0.96	0.95
Water content %	0.15 max	0.04
Iodine value, gl_2 / 100g	0.5 max	0.4
Acid value, mg KOH/g	0.1 max	0.01
Saponification value mg KOH/g	325-345	337
Peroxide value, meq/kg	1.0 max	0.1
Refractive Index at 20 °C	1.440 – 1.452	1.449
Total Ash %	0.1 max	<0.1
Hydroxyl Value, mg KOH/g	5.0 max	8
Heavy Metals (as Pb), ppm	10 max	<10
Fatty Acid Composition, %		
C6	0.5 max	0.0
C8	55-65	60
C10	35-45	39.9
Others	2 max	0.1
Handling and Storage		
Usage precautions	Handle all packages and containers carefully to minimise spills.	
Storage precautions	Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep away from heat, sparks and open flame. Protect from freezing and direct sunlight.	



Signed: 17 January 2024