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## Certificate of Analysis Sheet

### Organic Coconut Oil Virgin (Cocos nucifera)

Product Name	Coconut Oil Virgin Organic				
Customer	-				
Batch	BN130117-4	Product Code	-	Date	12/01/2017

#### TEST RESULTS

ANALYTICAL TEST	SPECIFICATION RANGE	RESULT
Appearance	White semi- solid mass , clear and bright when melted	Conforms
Odour	Characteristic of coconut	Conforms
Refractive Index @ 40°C	1.448 – 1.452	1.449
Acid value (mgKOH/g)	≤ 6.0	0.06
Iodine value (mg/g)	6.0 – 12.0	6.0
Free Fatty Acid (% as Oleic)	≤ 3.0	0.03
Saponification value (mgKOH/g)	243.0 – 265.0	265
Peroxide value (Meq/kg)	≤ 10.0	0.26 <i>(at time of production analysis)</i>
Melting point (°C)	20.0 – 28.0	24.0
Colour Lovibond 5 ¼" yellow	≤ 20.0	0.9
Colour Lovibond 5 ¼" red	≤ 2.0	0.7
<b>Fatty Acid Profile (%)</b>		
C 6:0 Caproic Acid	≤ 1.20	0.4
C 8:0 Caprylic Acid	3.4 – 15.0	7.1
C 10:0 Capric Acid	3.2 – 15.0	5.8
C 12:0 Lauric Acid	41.0 – 56.0	48.9
C 14:0 Myristic Acid	13.0 – 23.0	19.2

#### STORAGE

Shelf life of this product is influenced by many conditions of which temperature, exposure to light / air and general good storage are the major factors. Material stored in adverse conditions may deteriorate much faster. Our suggested "Re-test" date shown on this certificate reflects a minimum period in which we would expect product to remain in good usable conditions if stored as recommended. Thereafter its continued shelf life may be very much longer and we advise re-test at the indicated date and then every 3-6 months up to a suggested commercial expiry date as shown below. The expiry date is subjective and should be controlled by QC/QA. Typical indicators of re-test failure would be changes in organoleptic properties (clarity / colour / sediment / haze / off odour etc) Such changes may be gradual and slight and the commercial expiry date is intended to reflect a viable maximum proposal subject to earlier re-test approvals

#### STABILITY

Date of packing:	01/17
Re-test date:	07/18
Commercial expiry date:	01/19