



NHR ORGANIC OILS
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Certificate of Analysis Sheet

Organic Babassu Oil (Orbignya oleifera)

PRODUCT NAME: BABASSU OIL, REFINED ORGANIC
BATCH NUMBER: 120626-8
PRODUCT INCI: ORBIGNYA OLEIFERA SEED OIL
CAS NUMBER: 91078-92-1
EINECS NUMBER: 293-376-2
MANUFACTURING METHOD: EXPELLER PRESSED, REFINED

ANALYTICAL DETAILS	RANGE %	RESULT
APPEARANCE	OILY LIQUID (PALE YELLOW BUTTER @ LESS THAN 20°C)	COMPLIES
ODOUR	ODOURLESS	COMPLIES
COLOUR	LIGHT YELLOW	COMPLIES
MELTING POINT (°C)	21- 26	COMPLIES
FREE FATTY ACID (% AS OLEIC)	<0.5	0.08
PEROXIDE VALUE (MEQ O ₂ / KG)	<10.0	0.0
REFRACTIVE INDEX (40 °C)	1.440 – 1.455	1.447
RELATIVE DENSITY (40 °C)	0.900 – 0.920	0.910
IODINE VALUE	10.0 – 22.0	15.6
ACID VALUE	<1.0	0.16

FATTY ACID PROFILE		RANGE %	RESULT
C-CHAIN	ACID NAME		
C8:0	CAPRYLIC ACID	2.0 – 8.0	4.5
C10:0	CAPRIC ACID	1.0 – 8.0	5.0
C12:0	LAURIC ACID	37.00 – 56.00	44.9
C14:0	MYRISTIC ACID	11.0 – 27.0	16.5
C16:0	PALMITIC	4.0 – 12.0	9.2
C18:0	STEARIC	1.0 – 8.0	4.0
C18:1	OLEIC	9.0 – 20.0	13.3

The attached information is considered to be correct at the time the client received this information.
Please be aware that detail can change and we encourage clients to update their records with NHR Organic Oils regularly.
The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations.