



NHR ORGANIC OILS  
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## Certificate of Analysis Sheet

### Organic Babassu Oil (*Orbignya oleifera*)

PRODUCT NAME: BABASSU OIL, REFINED ORGANIC
BATCH NUMBER: 150324-4
PRODUCT INCI: ORBIGNYA OLEIFERA SEED OIL
ORIGIN: BRAZIL
CAS NUMBER: 91078-92-1
EINECS NUMBER: 293-376-2
MANUFACTURING METHOD: EXPPELLER PRESSED, REFINED

ANALYTICAL DETAILS	RANGE %	RESULT
APPEARANCE	OILY LIQUID (PALE YELLOW BUTTER @ LESS THAN 20°C)	-
ODOUR	ODOURLESS	-
COLOUR	LIGHT YELLOW	-
MELTING POINT (°C)	21- 26	CONFORM
FREE FATTY ACID (% AS OLEIC)	<0.5	0.145
PEROXIDE VALUE (MEQ O <sub>2</sub> / KG)	<10.0	0.5
REFRACTIVE INDEX (40 °C)	1.440 – 1.455	1.4499
RELATIVE DENSITY (40 °C)	0.900 – 0.920	0.918
IODINE VALUE	10.0 – 22.0	15.6
ACID VALUE	<1.0	0.29

FATTY ACID PROFILE		RANGE %	RESULT
<b>C-CHAIN</b>	<b>ACID NAME</b>		
C8:0	CAPRYLIC ACID	2.0 – 8.0	5.6
C10:0	CAPRIC ACID	1.0 – 8.0	5.3
C12:0	LAURIC ACID	37.00 – 56.00	43.5
C14:0	MYRISTIC ACID	11.0 – 27.0	15.9
C16:0	PALMITIC	4.0 – 12.0	9.2
C18:0	STEARIC	1.0 – 8.0	4.2
C18:1	OLEIC	9.0 – 20.0	13.5

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.