

SPECIFICATION SHEET

PRODUCT NAME: BABASSU OIL, REFINED

PRODUCT INCI: ORBIGNYA OLEIFERA SEED OIL

PRODUCT CODE: K0045

CAS NUMBER: 9107-89-21

EINECS NUMBER: 293-376-2

MANUFACTURING METHOD: EXPELLER PRESSED, REFINED

SHELF LIFE: 24 MONTHS

DOCUMENTATION REVIEWED: 2021

ANALYTICAL DETAILS	RANGE %
APPEARANCE	OILY LIQUID (PALE YELLOW BUTTER @ LESS THAN 20°C)
ODOUR	ODOURLESS
COLOUR	LIGHT YELLOW
COLOUR LOVIBOND (5¼" CELL)	≤ 15y, 3.5r
REFRACTIVE INDEX @ 40°C	1.440 – 1.465
FREE FATTY ACID (% AS OLEIC)	< 0.5
PEROXIDE VALUE (MEQ O ₂ / KG)	<10.0
IODINE VALUE	10.0 – 22.0
ACID VALUE	<1.0
SAPONIFICATION VALUE (MG KOH/GR)	245.0 – 256.0

FATTY ACID PROFILE		RANGE %
C-CHAIN	ACID NAME	
C8:0	CAPRYLIC ACID	2.6 – 10.0
C10:0	CAPRIC ACID	1.2 – 7.8
C12:0	LAURIC ACID	37.00 – 55.00
C14:0	MYRISTIC ACID	11.0 – 27.0
C16:0	PALMITIC	5.2 – 11.2
C18:0	STEARIC	1.7 – 11.0
C18:1	OLEIC	6.5 – 20.0
C18:2	LINOLEIC	1.4 – 6.7

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