

## SPECIFICATION SHEET

**PRODUCT NAME: BABASSU OIL, REFINED**

PRODUCT INCI: ORBIGNYA OLEIFERA SEED OIL

PRODUCT CODE: K0045

CAS NUMBER: 91078-92-1

EINECS NUMBER: 293-376-2

MANUFACTURING METHOD: EXPELLER PRESSED, REFINED

SHELF LIFE: 24 MONTHS

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 <sub>2</sub> / 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

DATE	ISSUED BY	VERSION	REASON FOR UPDATE
19/10/2023	J. Gajewska	1.1	CAS number amendment

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