

TECHNICAL DATA SHEET

Product Name	BABASSU OIL
Botanical Name	Orbignya oleifera
Product Code	PCO4030
CAS #	91078-92-1
EINECS #	293-376-2
INCI Name	Orbignya oleifera Seed Oil

Part Used	Seeds
Extraction Method	Cold Pressed
Quality	100% Pure and Natural

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
Appearance	Light yellow colored liquid at room temperature; off white soft fat at temperatures less than 20°C
Odour	Characteristic slight, fatty odour
Specific Gravity (g/mL)	0.905 - 0.915 @ 20°C
Saponification Value (mgKOH/g)	240 - 260
Peroxide Value (meq O₂/kg)	Less than 1.0
Iodine Value (g I₂/100g)	13 - 19
Free Fatty Acids (% oleic)	Less than 0.1
Acid Value (mgKOH/g)	Less than 1.0
Solubility	Soluble in alcohols and fixed oils; Insoluble in water

FATTY ACID COMPOSITION:

<u>FATTY ACID</u>	<u>C-CHAIN</u>	<u>SPECIFICATIONS (%)</u>
Caprylic Acid	C8:0	2.00 – 11.00
Capric Acid	C10:0	1.00 – 8.00
Lauric Acid	C12:0	40.00 – 48.00
Myristic Acid	C14:0	15.00 – 20.00
Palmitic Acid	C16:0	7.00 – 11.00
Stearic Acid	C18:0	1.00 – 11.00
Oleic Acid	C18:1 (n-9)	10.00 – 15.00

As it is electronically generated document, hence no signature required.

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