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Certificate Of Analysis

PRODUCT NAME & SKU: Babassu Oil TSK-BUT049

Certificate of Analysis		
Product Name: Babassu Oil, Refined		
Lot Number: LOT0024253		
Product INCI: ORBIGNYA OLEIFERA SEED OIL		
Product Code: K0045		
CAS Number: 91078-92-1		
EINECS Number: 293-376-2		
Manufacturing Method: Expeller Pressed, Refined		
Manufacturing Date: 08/04/2024		
Best Before Date: 08/04/2026		

Analytical Details		Range %	Results
Appearance	Oily Liquid (Pale Yellow Butter @ less than 20°C)		-
Odour	Odourless		-
Colour	Light Yellow		-
Colour Lovibond (5 1/4" cell)	≤ 15y, 3.5r		9.5Y, 1.4R
Refractive Index @ 40°C	1.440 – 1.465		1.447
Free Fatty Acid (% as Oleic)	< 0.5		0.065
Peroxide Value (meq O ₂ / kg)	<10.0		< 0.1
Iodine Value	10.0 – 22.0		15.1
Acid Value	<1.0		0.13
Saponification Value (mg KOH/Gr)	245.0 – 256.0		251.0

Fatty Acid Profile		Range %	Results
C-Chain	Acid Name		
C8:0	Caprylic Acid	2.6 – 10.0	6.0
C10:0	Capric Acid	1.2 – 7.8	5.6
C12:0	Lauric Acid	37.00 – 55.00	44.3
C14:0	Myristic Acid	11.0 – 27.0	15.7
C16:0	Palmitic	5.2 – 11.2	8.8
C18:0	Stearic	1.7 – 11.0	3.8
C18:1	Oleic	6.5 – 20.0	13.0
C18:2	Linoleic	1.4 – 6.7	1.4