

CERTIFICATE OF ANALYSIS

Product Name	Babassu Oil
Product Code	AL00398
INCI Name	Orbignya Oleifera Seed Oil
CAS Number	91078-92-1
Lot Number	20251020
Manufacture Date	10/2025
Re-test Date	10/2027

Test Items	Specifications	Results
Appearance	Light yellow colored liquid at room temperature; off white soft fat at temperatures less than 20°C	CONFORMS
Odour	Characteristic mild odour	CONFORMS
Specific Gravity (g/mL)	0.905 – 0.915 @ 20°C	0.911
Refractive Index	1.450 – 1.490 @ 20°C	1.465
Saponification Value (mgKOH/g)	240 – 260	248
Peroxide Value (meq O₂/kg)	Less than 5.0	CONFORMS
Iodine Value (g I₂/100g)	13 – 18	15
Free Fatty Acids (% oleic)	Less than 1.0	CONFORMS
Solubility	Soluble in cosmetic esters and fixed oils; Insoluble in water	CONFORMS

STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight.
 When stored for a period longer than the one specified above, quality should be checked before use.

As it is electronically generated document, hence no signature required

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