

TECHNICAL DATA SHEET

VERSION: JULY 2025

INGREDIENT INFORMATION

Product name	Cacay oil
Botanical name	Caryodendron Orinocense
CAS Number	1453469-52-7
EINECS Number	Not listed
INCI Name	Caryodendron Orinocense Seed Oil
Product use	Active ingredient in cosmetic and personal care applications
Origin	Colombia

Part used	Seeds
Extraction Method	Cold pressed
Quality	100% pure, unrefined

ORGANOLEPTIC QUALITY

Appearance	Limpid
Color	Gold yellow
Odor	Characteristic, nutty, pleasant odor

PROPERTIES

	SPECIFICATION
Acid Value (mgKOH/g)	<30.0
Refractive index (20 °C)	1.470 – 1.479
Peroxide Value (meqO ₂ /kg)	<15
Saponification index (mgKOH/g)	159.6- 211.5
Iodine index (gI ₂ /100 g)	120.5-166.4
Density (20 °C) g/ml	0.902-0.938

TECHNICAL DATA SHEET

VERSION: JULY 2025

FATTY ACIDS COMPOSITION:

Fatty acid	SPECIFICATION (%)
C16:0 Palmitic Acid	5.5 – 6.9
C18:0 Stearic Acid	2.6 – 4.5
C18:1 Oleic Acid (Omega 9)	11.0-19.7
C18:2 Linoleic Acid (Omega 6)	64.6 -76.6
C18:3 Linolenic Acid (Omega 3)	1.8-2.8

Stability and storage:

Storage conditions: Cool, dark and dry.
Keep away from direct sunlight.
Shelf life: 36 months after the date of manufacturing, in its original closed packaging and in the recommended conditions.