

TECHNICAL DATA SHEET

VERSION: SEPTEMBER 2024

INGREDIENT INFORMATION

Product name	Açaí Oil Organic
Botanical name	Euterpe oleracea
CAS Number	861902-11-6
EINECS Number	617-812-1
INCI Name	Euterpe oleracea fruit oil
Product use	For personal care applications
Origin	Brazil

Part used	Fruit pulp
Extraction Method	Depulping, centrifugation and filtration
Quality	100% pure, unrefined

ORGANOLEPTIC QUALITY

Appearance	Liquid
Color	Dark green
Odor	Characteristic, pleasant

PROPERTIES:

	SPECIFICATION
Density (g/ml)	0,900 – 0,940
Acid Value (mgKOH/g)	<10
Refractive value	1,360– 1,480
Peroxide Value (meqO2/kg)	<15
Saponification index (mg KOH/g)	175 – 210
Iodine Index (g I ₂ /100g)	60-90

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Fatty acids composition:

Fatty acid	SPECIFICATION (%)
C16:0 Palmitic Acid	20 – 28
C16:1 Palmitoleic acid	<5
C18:1 Oleic Acid (Omega 9)	52– 68
C18:2 Linoleic Acid (Omega 6)	8 – 11
C18:3 Linolenic Acid (Omega 3)	<1
C20:0 Arachidic acid	>0.2

Certifications available	• EU Organic • USDA
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Stability and storage:

Storage conditions: Cool, dark and dry. Keep away from direct sunlight.

Shelf life: 24 months if maintained in the original sealed package at room temperature (25°C).