

TECHNICAL DATA SHEET

VERSION: AUGUST 2024

INGREDIENT INFORMATION

Product name	Cupuaçu butter
Botanical name	Theobroma grandiflorum
CAS Number	394236-97-6
INCI Name	Theobroma grandiflorum seed butter
Product use	For personal care applications
Origin	Brazil

Part used	Seeds
Extraction Method	Cold pressed and filtered
Quality	100% pure

ORGANOLEPTIC QUALITY

Appearance	Waxy solid
Color	White to light yellow
Odor	Characteristic

PROPERTIES:

	SPECIFICATION
Specific gravity (g/cm3 at 300C)	0,890 –0,90
Acidity Index (% in oleic acid)	Max. 10
Iodine Index (g I2/100g)	30 – 50
Peroxide Value (meqO2/kg)	<15
Saponification index (mg KOH/g)	175-208
Solubility	Water insoluble

TECHNICAL DATA SHEET

VERSION: AUGUST 2024

Fatty acids composition:

Fatty acid	SPECIFICATION (%)
C16:0 Palmitic Acid	5- 9
C18:0 Stearic acid	25-38
C18:1 Oleic Acid (Omega 9)	37-46
C18:2 Linoleic Acid (Omega 6)	Max.7
C20:0 Arachidic acid	9-13
C22:0 Behenic acid	Max.5

Stability and storage:

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

Shelf life: 24 months, if maintained in the original close package at room temperature (25°C). Keep the closed container, protected from moisture, light and heat.