

## TECHNICAL DATA

## JARXOTIC CU35

**JARXOTIC™ CU35 - CUPUAÇU BUTTER**  
**(THEOBROMA GRANDIFLORUM SEED BUTTER)**

CAS# 394236-97-6



SPECIFICATIONS	LIMITS
Appearance	Waxy
Color	White to yellow
Odor	Characteristic
Acid value (mg KOH/g)	5.0 Max.
Peroxide value (meq/kg)	5.0 Max.

**TYPICAL PROPERTIES**

Melting point (°C)	32 – 36
Iodine value (g I <sub>2</sub> /100 g)	33 – 42
Saponification Value	188 - 198

**FATTY ACID COMPOSITION (%)**

C16:0	4.0 - 10.0
C18:0	30.0 – 40.0 Max.
C18:1	35.0 – 45.0
C18:2	5.0 Max
C18:3	1.0 Max.
Others	20.0 Max.

**STORAGE:** Keep in cool (below 25°C) storage in unopened containers away from light and moisture. Avoid prolonged exposure to air.

## DESCRIPTION

The Cupuaçu tree is a close relative of the cocoa and can be found in northern Brazil, yielding a large, oval-shaped fruit that can weigh up to three pounds. This fruit is used extensively as a food and is popular for a variety of local favorites including ice cream. **Jarxotic CU35 Cupuaçu butter**, a native, high-quality, slightly yellow butter exhibiting fantastic properties for the cosmetic industry, is extracted from the seeds of the fruit. This butter functions as an excellent emollient, returning and maintaining the natural moisturization and elasticity to damaged skin. This butter has a very high water absorption capacity, superior to that of lanolin and comparable vegetable-based butters, making it an excellent substitute. It also contains phytosterols, beneficial unsaponifiable components that have been used for the treatment of damaged skin in order to stimulate the healing process. These phytosterols include  $\beta$ -sitosterol, stigmasterol, and campesterol.

## APPLICATIONS

**Jarxotic CU35** can be used in a multitude of product applications for both the skin and hair, including creams, lotions, body butters, conditioning and hair masks, stick formulations, and sun care products. The recommended starting level for this product is 2%.

