



Murumuru Butter

INCI: *Astrocaryum murumuru*

Murumuru butter is expeller pressed from the fruit of the Brazilian Amazon tree, *Astrocaryum murumuru*. The butter that is obtained is solid at room temperature but melts on contact with the skin. It is used in skin and hair care formulations for its moisturizing and humectant properties.

Specifications

Analytical Details

Appearance (25°C):

Odor:

Color:

Color (Gardner):

Specific Gravity @ 25°C:

Free Fatty Acids (as Oleic):

Iodine Index:

Saponification Index:

Peroxide Value:

Refractive Index @ 25°C:

Melting Point:

Specification

Waxy solid

Characteristic

Pale brown

N/A

0.890-0.910 g/cm³

12.56 % (typical)

Max 15 g I₂/100g

270-350 mg KOH/g

Max 20.0 mEQ O₂/1000g

N/A

25-37°C

Method

Visual

Olfactory

Visual

LTM ≠ 20

AOCS Cc 10a-25

AOCS Ca 5a-40

AOCS Cd 1-25 (93)

AOCS Cd 3-25

AOCS Cd 8-53

SEISS 25°C

AOCS Cc 3-25

Typical Fatty Acid Composition

C8:0 Caprylic: 1.85%

C10:0 Capric: 1.85%

C12:0 Lauric: 47.46%

C14:0 Myristic: 26%

C16:0 Palmitic: 6.28%

C18:0 Stearic: 2.65%

C18:1 Oleic: 12.56%

C18:2, ω-6 Linoleic: 2.87%

Date: 06/12/08

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