



BioProGreen

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Website: www.bioprogreen.com, E-mail: contact@bioprogreen.com

Product identification :

Product Name : Cocoa butter

Nature of the product: Fatty acids extracted from cocoa beans

Botanical name: Theobroma cocoa

Batch number: 17123

Expiry date: March 2025

Organoleptic characteristics:

-Appearance : Solid

-Color : Ivory yellow to brown

-Smell : Neutral and a very slight cocoa smell

Criteria	Ref methods	Standards	Results
Organoleptic character	Internal	Solid butter	Compliant
Melting point in °C	AOCS Cc3b-92	34 – 44	34
Color Gardner	Gardner		2.5
Color Lovibond 5 ¼ yellow	NEN 6308- NEN 6310	0.0 – 20.0	12.0
Color Lovibond 5 ¼ red	NEN 6310-NEN 6308	0.0 – 2.0	1.2
Refractive index at 40°C	Phar Eur 2.2.6	1.460 – 1.475	1,471
Acid number (mg KOH/g)	Phar Eur 2.5.1	0.00 – 0.50	0.12
Water content %	Phar.Eur 2.5.32	0.00 – 0.10	0.02
Iodine index	Phar.Eur 2.5.4	52 – 68	63
Peroxide index (meq O ₂ /Kg)	Phar Eur 2.5.5	0.00 - 10.0	0.0
Unsaponifiable Content %(m/m)	Phar.Eur. 2.5.7	Min 4.0	5.4

Conservation : In a well-filled, tightly closed container, protected from light and heat.

Fatty acid composition:

Fatty acids	Ref methods	Standards	Results (%)
Trans fatty acids	Phar Eur 2.4.22	0.0 – 2.0	0.3
C12:0 Lauric acid		0.0 – 1.0	0.0
C 14:0 Myristic acid		0.0 – 1.0	0.0
C 16:0 Palmitic acid		3.0 – 8.0	3.1
C 18:0 Stearic acid		36.0 – 50.0	42.4
C 18:1 Oleic acid		40.0 – 50.0	46.1
C 18:2 Linoleic acid		4.0 – 8.0	6.0
C 18:3 Linolenic acid		0.0 – 1.0	0.2
C 20:0 Arachidic acid		0.0 – 2.0	1.4
C 20:1 Gadoleic acid		0.0 – 1.0	0.4
C 22:0 Behenic acid		0.0 -1.0	0.2
C 22:1 Erucic acid		0.0 – 2.0	0.0
C 24:0 Lignoceric acid		0.0 – 1.0	0.1

PROPERTIES :

- **Moisturizer:** Cocoa butter helps hydrate the skin by penetrating deeply and locking in moisture, which helps maintain skin's suppleness and elasticity.
- **Nourishing:** Thanks to its essential fatty acid composition, cocoa butter deeply nourishes the skin, providing essential nutrients for healthy, revitalized skin.
- **Softener:** By forming a protective barrier on the skin's surface, cocoa butter softens and smoothes the skin, helping to reduce roughness and irritation.
- **Rich in Antioxidants:** Cocoa butter is loaded with antioxidants such as polyphenols, which help protect the skin against free radical damage, helping to prevent premature aging of the skin.
- **Emollient properties:** The emollient properties of cocoa butter help maintain skin hydration by forming a protective film that prevents transepidermal water loss, leaving skin soft, supple and well hydrated.

USE :

- **Body moisturizer:** After showering or bathing, apply a small amount of cocoa butter to your still damp skin. Massage gently until the butter is absorbed for intense, long-lasting hydration.
- **Lip balm:** Apply a small amount of cocoa butter to your lips to moisturize them and protect them from chapping. Its rich and creamy texture will leave them soft and supple.
- **Hair mask:** Melt a small amount of cocoa butter and apply it to your hair, focusing on the ends. Leave on for approximately 30 minutes before rinsing thoroughly for nourished and revitalized hair.

CAUTION:

- Perform a skin sensitization test before use.
- Avoid contact with the eyes.
- Store in an airtight container, away from light and heat.
- Use in moderation to avoid a greasy feeling on the skin.
- Keep out of reach of children and pets

COMPANY INFORMATION:

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