

COMPLEXO
NUTRITIVO
NUTRITIVE COMPLEX

FRULIX

AÇAÍ + ACEROLA + GRAPE

NATURAL
ORIGIN
96.55%

**FRULIX
COMPLEXO
NUTRITIVO
(NUTRITIVE
COMPLEX)
OBTAINED
THROUGH AN
EXCLUSIVE BIO-
TECHNOLOGICAL
PROCESS,
IS PRODUCED
WITHOUT THE
ADDITION OF
SOLVENTS.**



ASSESSA

INNOVATION FOR A GREENER WORLD



THE FRUITS

Açaí is rich in antioxidants, amino acids and essential omega fatty acids. It is also an extraordinary source of vitamin A, proteins and minerals such as calcium, phosphorous, and iron. Carbohydrates represent 36% of its composition and lipids 12%. Acerola is famous for its high levels of vitamin C, but it is also rich in vitamins A, B1 and B2, as well as proteins, calcium, iron and phosphorus. Grapes contain carbohydrates, proteins, vitamins B1, B2, B5, B6 and PP, as well as pro-vitamin A, mineral salts (especially potassium) and antioxidant anthocyanins.

TECHNOLOGY

FRULIX COMPLEXO NUTRITIVO (NUTRITIVE COMPLEX) is obtained through an exclusive biotechnological process that mimics the natural ripening of AÇAÍ, ACEROLA and GRAPE. Using the fruits native enzymes, Assessa transforms the pulps into a crystalline liquid with all active components in concentrations equivalent to those found in natural fruit.



AÇAÍ

The Açaí Tree (*Euterpe oleracea* Mart.) belongs to the Arecaceae family, and is known by various popular names, such as açaí, "açaí da várzea" (açaí of the meadow) and "açaí da terra firme", among others. The fruits possess exceptional nutritive properties and are used in the preparation of drinks or consumed directly.



ACEROLA

The Acerola plant belongs to the Malpigiaceae family and is a bush or shrub of 2.5 m in height with a dense crown formed of small (2-8 cm) shiny dark green leaves. Its flowers range in color from pink to violet. The fruit is a drupe with a smooth surface and is divided into three segments.



GRAPES

The cultivation of grapes dates back to the earliest days of the history of civilization and was cultivated by the ancient Egyptians and Greeks. The plants currently cultivated are the result of crossings between varieties from Europe and North America.

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FUNCTIONS

Açaí and acerola are highly nutritious fruits, rich in proteins, vitamins, bioflavonoids, acid fruits and mineral salts. Grapes are especially rich in antioxidant polyphenols, hydroxy acids, mucilages, vitamins and essential sugars. FRULIX COMPLEXO NUTRITIVO (NUTRITIVE COMPLEX) has nourishing, protective, moisturizing and remineralizing properties and is indicated for use in haircare in formulas for nourishing and protecting weakened hair. In skincare, in products for the treatment of aged, malnourished and dull skin. With the excellent antioxidant profile of FRULIX COMPLEXO NUTRITIVO (NUTRITIVE COMPLEX) we also suggest its use in products to protect and prevent environmental damage to the skin and hair.

PROTECTIVE & NOURISHING FOR HAIR AND SKIN CARES.



USAGE LEVELS

FRULIX COMPLEXO NUTRITIVO (NUTRITIVE COMPLEX) is compatible with the majority of ingredients used in cosmetic formulations for the treatment of skin and hair and may be incorporated cold, directly into the aqueous phase of the formulas, in accordance with the suggestions of usage levels found in the table below. It is stable at temperatures up to 90 °C, in pH conditions from 4.00 to 11.00.

PRODUCT	(%)
Moisturizing cream	0.3 to 0.8
Nutritive lotion	0.2 to 0.6
Serum	0.5 to 1.0
Hair Mask	0.3 to 1.0
Shampoo	0.2 to 0.4
Conditioner	0.2 to 0.4
Leave on	0.3 to 1.0

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