

GRAVIOLA
SOURSOP

CERTIFIED

FRULIX

NOW A COSMOS CERTIFIED PRODUCT

ASSESSA
INNOVATION FOR A GREENER WORLD



NUTRIENTS

Around 100 grams of graviola provide an average of [60] calories, 25 mg of calcium, 28mg of phosphorous and 26mg of vitamin C (a third of the recommended daily intake). It is a good source of complex B vitamins, important for the metabolism of proteins, carbohydrates and fats.

FRULIX CERTIFIED GRAVIOLA IS A HIGHLY CONCENTRATED INGREDIENT PRODUCED WITHOUT THE ADICTION OF SOLVENTS.



SOURSOP

INTRODUCED IN BRAZIL BY THE COLONIZERS IN THE 16th CENTURY

Graviola (*Annona muricata*) or soursop was one of the first fruits from tropical America to be discovered by the Spanish colonizers and introduced to other regions of the world. The first references to the species date from the 16th century, at a time when it was considered native to the Antilles and already cultivated by pre-Columbian cultures on the Peruvian coast.

It was introduced to Brazil by the Portuguese in the 16th century. Found in almost all tropical countries, graviola is a bush with bright green leaves and large yellowy flowers which sprout from the trunk and branches. The fruit is known not only for its distinctive taste, but also for its nutrient content.

FRULIX GRAVIOLA

FRULIX CERTIFIED GRAVIOLA (Soursop) is obtained through an exclusive biotechnological process that mimics the natural ripening of fruit. Using the fruits' native enzymes that act on the changes that occur in the texture of the fruit during its ripening, ASSESSA transforms it's pulp into a crystalline liquid with all the active ingredients of the fruit, in concentrations equivalent to those found in nature.



**GRAVIOLA
SOURSOP**

CERTIFIED

FRULIX
NOW A COSMOS CERTIFIED PRODUCT

FUNCTIONS

FRULIX CERTIFIED GRAVIOLA (Soursop) possesses the moisturizing, nutritional and remineralizing properties of the natural fruit and is recommended for use in shampoos, leave-in products, conditioners and hair masks, and in formulas for the treatment of weakened hair where nutrition and moisturizing are necessary.

FRULIX CERTIFIED GRAVIOLA (Soursop) is recommended for use in skin-care products like creams and nutritive lotions, moisturizing liquid or bar soaps.



AS A VERY CONCENTRATED PRODUCT, FRULIX CERTIFIED GRAVIOLA (SOURSOP) SHOULD BE USED IN SMALLER CONCENTRATIONS THAN THOSE NORMALLY USED WHEN MAKING FORMULAS WITH CONVENTIONAL EXTRACTS.

INCI NAME

Annona Muricata
Fruit Extract,
Sodium Benzoate and
Potassium Sorbate



USAGE LEVELS

FRULIX CERTIFIED GRAVIOLA (Soursop) 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 for concentration found in the table below.

It is stable at temperatures of up to 90 °C, in pH conditions which range from 4.00 to 11.00.

PRODUCT	(%)
Moisturizing cream	0.3 to 0.8
Nutritive lotion	0.2 to 0.6
Nutritive cream	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
Liquid soap	0.2 to 0.4

VISIT US AT
www.assessa.com.br

ASSESSA
INNOVATION FOR A GREENER WORLD