

Soliance - Yogurtene

Powdered yogurt



Givaudan

engage your senses



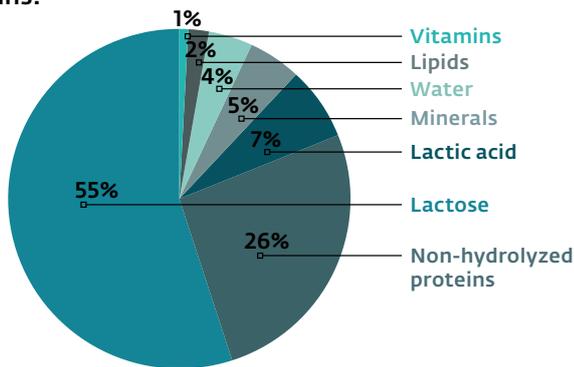
Yogurtene Powdered yogurt



Yogurtene is the ‘next generation’ of milk ingredient. It is a powdered version of yogurt, containing nutrients such as proteins, peptides, dairy lipids, lactose, lactic acid, vitamins and minerals. Yogurtene improves hair aesthetics and skin firmness. Well understood by consumers, this product is perceived as mild, caring and beneficial.

Composition and properties

Yogurtene is very rich in lactose and non-hydrolysed proteins.

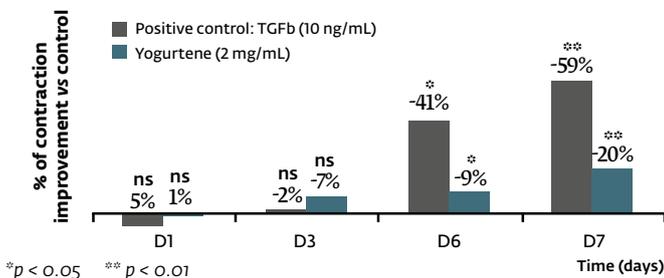


Lactose increases the water content of the top layers of the skin and helps the skin feel smoother and plump out wrinkles. It gives hair softness. Hydrolysed proteins are known to be beneficial for hair conditioning.

In terms of formulation, Yogurtene enables a consumer perceivable improvement of soap lather density and creaminess (see *in vivo* test performed on Vegetable Soap Lather Creaminess).

Effect on the contraction of collagen lattices (*In vitro* test)

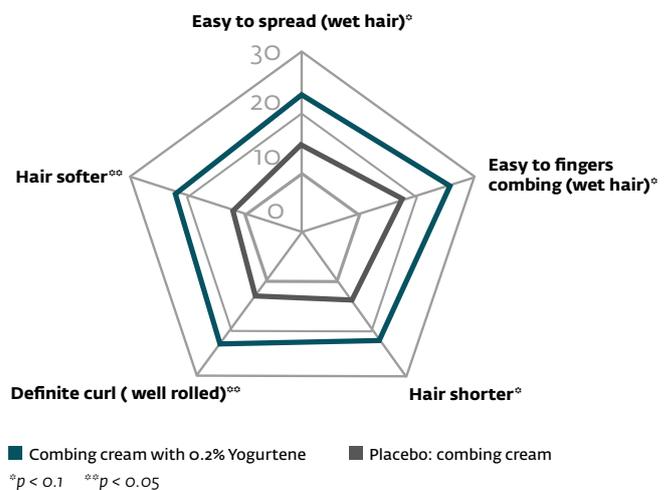
Lattices prepared by mixing normal human dermal fibroblasts (NHDF), collagen and Yogurtene at 0.2% or TGF beta on a medium, cultivated at 37°C, 5% CO₂ over 7 days, surface of each lattice evaluated at time D1, D3, D6 and D7 by image analysis.



Yogurtene stimulates collagen contraction *in vitro* and could improve relations between fibroblasts and collagen fibres, hence dermal firmness.

Effect in a combing cream on Brazilian hair (*In vivo* test)

35 Brazilian panelists with afro-type hair applied a combing cream containing 0.2% Yogurtene. The hair were evaluated wet and dry by 2 trained evaluators on a binary scale (0 no effect, 1 effect noticed).

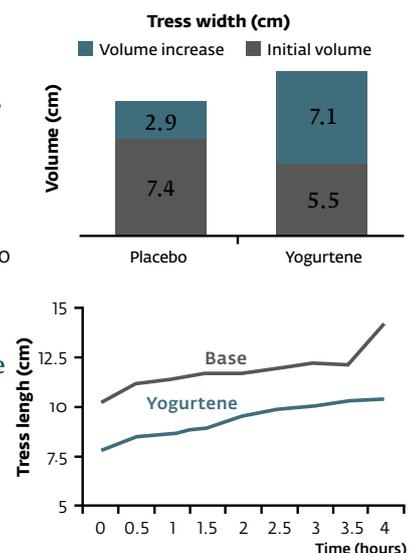


Yogurtene improves the quality of dry hair and improves combing cream power on wet hair.

Curl retention and volumising attributes (*In vivo* test)

Damaged hair tresses were dipped into a 10% surfactant solution. Yogurtene solution at 1% was applied on tresses for one hour. They were then curled and dried. To investi-gate the fly-away effects of Yogurtene, each curled tresses were placed onto a flat surface to measure its curl width.

The addition of Yogurtene in rinse off formulation provides styling benefits to hair, increasing the holding of a style and preventing fly-away.



INCI name: Yogurt powder.

Preservative: None.

Dosage: 1% to 5% | **Form:** powder | Hydrosoluble

Cosmetic applications: Anti-aging creams, firming creams, conditioners, shampoos, hair masks, soaps.