

Natural
Vegetable
Functional

The Lipid Expert!

Lipex® Collect

- Bio-active natural ingredient
- High content of sterol esters
- Supplementation of skin lipids for caring cosmetics

Product name

Lipex® Collect

INCI name

INCI:Phytosteryl Canola Glycerides

Physical form/Consistency at 20 °C

Phytosterol ester, solid (mp 44 °C)

Regulatory Status

CTFA, JCLS

Recommended use levels

1-3%

Packaging

Pail 9 kg, 1 kg

Product Data Sheet/Article number

8539

Formulations

JT-04-19, Intense Soothing Serum

JT-05-10, Anti-age Day Cream

Patents

SE 0523094 (approved)

WO 02055639, EP 1349909,

NO 20033159 (applications)

August 2008

Functionality and benefits

Lipex® Collect is based on pure natural lipids and is characterised by a high content of sterolesters (45%), dominated by β -sitosterol, in combination with Canola glycerides. This innovative ingredient brings moisturising and soothing properties to caring cosmetics.

Research has shown that natural sterols have potential cell membrane stabilising properties, similar to cholesterol, and β -sitosterol is shown to replace possible lack of cholesterol in lipid membranes. Accordingly Lipex® Collect offers potential improvement of skin barrier properties and is of special interest for skin lipid supplementation.

Lipex® Collect has shown in vitro anti-inflammatory properties as well as potential soothing properties for sensitive skin, aspects that are of importance for sensitive and aged skin, characterised by a reduced content of skin lipids, especially cholesterol, and conditions related to skin imbalance and inflammatory state.

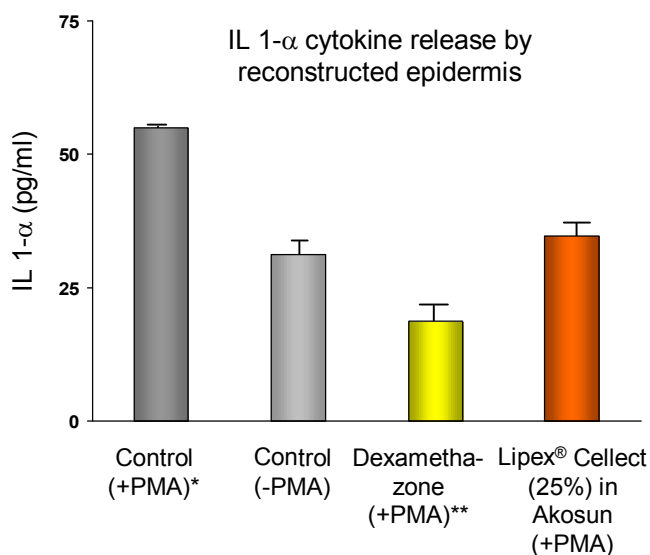
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Applications

Lipex® Collect offers improved bioavailability of natural sterols, bringing potential moisturising and soothing properties. The low melting point makes it easy to formulate skin care creams and lotions with an elegant skin feel. Lipex® Collect demonstrates a good shelf life and meets the need for safe and natural bioactive ingredients for caring, anti-aging and protecting cosmetic formulations.

Anti-inflammatory activity of Lipex® Collect



* Phorbol myristate acetate, pro-inflammatory agent, (5 μ g/ml) added to culture medium

** reference compound (0,1 μ M)