



Caffeic acid-based polymeric film for use in cosmetic dermatology



> **Description** This new technology involves the production of dry polymer films containing caffeic acid for use as a cosmetic dermatology product, with antioxidant and anti-aging activity.

> **Problem** New strategies are continually devised to keep human skin looking healthier and younger, thus accelerating the development of anti-aging products by the pharmaceutical and cosmetic industries. One of the ways to achieve this goal is through the use of antioxidant compounds, including caffeic acid. Thus, this new technology involves a process to produce caffeic acid-based dry polymeric films for use as a cosmetic dermatology product with antioxidant and anti-aging activity.

> **Benefits** This new product has a higher antioxidant potential than the antioxidant compounds currently available on the market. It is also more stable, as well as non-cytotoxic at the concentrations required to present activity. Moreover, it induces the production of collagen, thus preventing premature aging of the skin.