



DISCO: from FP7 - funded R&D  
to commercial products

PhytofLORAL®

Patented & Award Winning NutriCosmetics Innovation



PhytofLORAL®, IBR's natural dietary ingredient for beauty from within, rich in phytoene and phytofluene, the colorless carotenoids.

PhytofLORAL® delivers phytoene and phytofluene to the skin to provide outstanding skin photo-protection. It increases MED (Minimal Erythema Dose), improves skin's natural SPF and its ability to resist sun damage.

At the same time, PhytofLORAL® lightens and evens skin complexion by inhibition of melanin synthesis, UVA and UVB protection, anti-inflammatory and anti-oxidant capabilities and provides anti-aging benefits overall, with protection and wellbeing.

As part of the DISCO project aimed at valorization of high-value plant products including colorless carotenoids, IBR has developed a range of new and improved versions of PhytofLORAL®, featuring increased phytoene and phytofluene content, varied compositions and particle size profiles for reduced costs.

The increased phytoene and phytofluene content allows significant reduction of the daily dose required to deliver beauty and wellbeing benefits, as well as a lower unit price for the customer - thus making dietary products comprising PhytofLORAL® more accessible to a broader consumer profile.

The varied particle size profiles enable a wider range of dosage forms and commercialized consumer products comprising PhytofLORAL®. The improvements take place while preserving PhytofLORAL® natural properties - it remains a dried and powdered non-GMO tomato fruit, with no additives added.

This newsletter is designed to provide R&D and product development information on ingredients supplied by IBR as raw materials for cosmetic, food and other industries. This newsletter is not designed to satisfy information requirements of consumers making use of the final product. This newsletter is released to recipients in many geographic locations, and the information contained herein is not applicable to, nor intended to satisfy, the legal/regulatory requirements of all countries. Nothing in this newsletter is to be construed as the making of claims regarding the use of finished consumer products comprising IBR ingredients. Each manufacturer is responsible for ensuring that the claims made for and use of its products comply with the regulatory requirements of the countries in which it markets its products.

June 2016

INNOVATION INSPIRED BY NATURE