



NEPHYDRAT® BC10061

Ethical hydration

Innovation is not just about science, but also about improving the way to develop ingredients and offering products to answer a responsible way to consume. BASF initiated the exploration of rambutan tree's various cosmetic properties, with the ambition to ensure a sustainable use of the resource and generate a positive impact on the supply chain development. Based on the rambutan resource (*Nephelium lappaceum*), BASF developed three new bioactives. Nephhydrat™ is an extract of rambutan peel which helps to moisturize the skin and provides it with energy.

Product Description

Extract from the peel of sustainable sourced Rambutan fruits

Consumer Benefits

Moisturization

Vitalisation

Energizing

Properties

Reinforces the skin's water retention capacity, fuels keratinocytes with energy and increases total ceramide synthesis for an optimal skin barrier function.



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Actives

In Vivo

Skin hydration

In Vitro / In Tubo

Taurine synthesis and transport stimulation

Synthesis stimulation of involucrin, transglutaminase-1 and hornerin

Stimulation of synthesis of ceramides and other lipids, ATP synthesis stimulation

Preservation of functional mitochondrial network

Clinical Study Results

Age of Volunteers: Volunteer panel >25

Results Time Scale: 2 weeks, 4 weeks

Tested Skin Area: Cheeks, Face

Target Molecules in the Skin

Epidermis components

Ceramides

Lipids

Horny layer components

Taurine

Nature of Active

Active Substance / Technology: Plant Extract

Compliance: Listed in IECIC

Tested Skin Area: Cosmos approved

Geography: Asia

Origin: Super food, Fruits, Vegan, Sustainable sourced, Edible raw material basis, Trees

Special Formulation Features: Low pH tolerant

Preservatives

None



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Actives

Solubility

Water-soluble

Recommended dose of use

1-2%

INCI

Glycerin (and) Water (and) Nephelium Lappaceum Peel Extract

Form of Delivery

Liquid