



## RAMBUVITAL® BC10059

### A breath of fresh air for your hair

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. Rambuvital™ is an extract of rambutan seeds which vitalizes and protects both the scalp and hair follicle against pollution.

#### Product Description

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Extract from the seeds of sustainable sourced Rambutan



RAMBUVITAL® BC10059

Actives

## Consumer Benefits

Moisturization

Vitalisation

Energizing

Anti-oxidant for hair

Free radical scavenging / Anti-oxidant

Hair sensory improvement

Hair strengthening

Manageability improvement

Permed hair applications

Pollution protection

Exposome

Scalp Care

Stressed hair applications

TEWL reduction / Cutaneous barrier strengthening

## Properties

Protects both the scalp and hair follicles against stress induced by pollution. Enhances the cornified scalp barrier function contributing to water retention. The scalp is hydrated as early from one month on and the hair appears and feels visibly healthier and shinier.

## In Vivo

Scalp hydration

Hair deodorant effect

Evaluation of perception of sensorial hair properties

## In Vitro / In Tubo

Synthesis stimulation of loricrin and transglutaminase-1

Pollution-induced oxidation of sebum

Papilla cell survival

Papilla cell survival and cell energy under environmental pollution

## Clinical Study Results

Age of Volunteers: Volunteer panel >18

Results Time Scale: 2 weeks, 4 weeks

Tested Skin Area: Scalp



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Actives

## Nature of Active

Active Substance / Technology: Plant Extract, Polyphenols

Compliance: Listed in IECIC

Tested Skin Area: Cosmos approved

Geography: Asia

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

Special Formulation Features: Colorless

## Preservatives

None

## Solubility

Water-soluble

## Recommended dose of use

0.05-0.1%

## INCI

Maltodextrin (and) Nephelium Lappaceum (Seed) Extract

## Form of Delivery

Powder