# DN-AURA® BC10011

## The pigmented-spot shrinker

The beauty of our skin is a heritage that needs to endure our lifestyle. BASF experts found that pigmented spot reduction can be epigenetically managed. By increasing a specific epidermal tyrosinase regulator, DN-Aura® reduces the melanin production by melanocytes. The active ingredient, a 100% natural leaf extract from the Vietnamese tree “Langsat” or “Duku” (Lansium domesticum), helps shrinking the pigmented spots that appear with age and worsen under environmental factors such as sun exposure and pollution.

## Product Description

**Extract from the leaves of the Vietnamese tree “Langsat” or “Duku” (Lansium domesticum)**

## Consumer Benefits

**Age spot reduction**

## Properties

**Reduces the melanin production by melanocytes and helps shrinking pigmented spots.**

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## In Vivo

Decrease of pigmented-spot area, decrease of pigmented-spot melanin

## In Vitro / In Tubo

Decrease of melanin synthesis in co-culture of Asian melanocytes with keratinocytes

Reduction of tyrosinase release in Asian human melanocytes

Increase of the expression of the pigmentation gene silencer microRNA (miR-490-3p)

## Clinical Study Results

Age of Volunteers: Volunteer panel >18

Results Time Scale: 8 weeks

Tested Skin Area: Face

## Scientific Concept

Epigenetics

Gene regulation

## Target Molecules in the Skin

Epidermis components

microRNA

## Nature of Active

Active Substance / Technology: Polyphenols, Plant Extract

Compliance: Listed in IECIC

Tested Skin Area: Cosmos approved

Geography: Asia

Origin: Traditional Medicine, Vegan, Trees, Edible raw material basis, Leaf extracts, Fruits

Special Formulation Features: Low pH tolerant

## Preservatives

None

## Solubility

Water-soluble

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## Recommended dose of use

**0.03-0.3%**

## INCI

**Maltodextrin (and) Lansium Domesticum Leaf Extract**

## Form of Delivery

**Powder**