

**Product Name:** Dragosine®**Product Number:** 844033**INCI:** Carnosine**CAS number:** 305-84-0**EC number:** 206-169-9

* related to main ingredient/s

Product description:

Dragosine® (L-Carnosine) is a nature-identical dipeptide (β -Alanyl-L-histidin) present in millimolar concentrations in muscle tissues. It protects cells against oxidative stress. In cosmetic products it is used as an anti-aging ingredient which has powerful antioxidant properties that stimulate collagen synthesis.

Dragosine® dose dependently and significantly inhibits IRA-induced MMP-1 expression (in-vitro assay) and is able to reduce the number of sunburn cells after UV exposure (ex-vivo results).

In latest research findings Dragosine® has been shown to have excellent results when it comes to protection against infrared-induced skin damages. Now, Symrise is presenting a new set of in-vitro and ex-vivo results on hyperpigmentation induced by high-energy visible light.

In 2017 Dragosine® has received the BSB Innovation Award (3rd place).

Properties:

-  Anti-aging
-  Collagen stimulating
-  DNA protection
-  Maintains extracellular matrix proteins balance
-  Antioxidant
-  Elastase inhibition
-  IR protection
-  Anti-glycation



Based on in vivo or ex vivo data by Symrise



Based on in vitro data by Symrise



Based on information found in literature

Solubility:	Water mixable, Water soluble
Form:	Powder
pH value:	Not applicable
Color of product:	Pale white to white
Recommended dosage:	0.01 - 0.22%
Registration status:	Australia (AICS), Canada (DSL), China (IECSC), EU (EINECS), Japan (ENCS), Philippines (PICCS), South Korea (KECI), USA (TSCA)
Food grade:	Yes
Halal certificate:	Not checked
Toxicological information:	Acute oral toxicity, Patch test (Human, 48h) + Safety Assessment

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