

nVH Italia srl[®]

Herbal extracts manufacturers

FOOD & COSMETIC



SaffrOXY[®]

SAFFRON DRY EXTRACT 0,3% SAFRANAL

SAFFROXY® - Saffron dry extract 0.3% Safranal

Origin of the drug: Italy
Origin of the extract: Italy
Solvent: Water/Ethanol
Full traceability: from beginning to end

DOSAGE:

Food grade extract: 200 mg/die
Cosmetic grade extract: 0.025-1%

Food grade extract:

● **Depression** - Several double-blind clinical trials in people suffering from mild to moderate depression have shown that the antidepressant effect of *Crocus sativus* is greater than placebo. Analysis of bioactive fractions has revealed that crocin-1 is mainly responsible for the antidepressant effect. The initial effect already occurs within one week, but maximum effect is achieved after approximately 6 weeks.

● **Weight loss** - The mood-enhancing effect of saffron, which has a positive effect on satiation, may have been responsible for the reduced frequency of snacking.

● **Alzheimer's disease and memory loss** - Alzheimer's disease is characterized by the deposition of amyloid plaques in the brain. Oxidative processes stimulate the formation and deposition of these plaques. In vitro studies have revealed that saffron extract has very good antioxidative properties and it inhibits the formation of insoluble amyloids. Other studies have shown a generally positive effect on learning ability and memory (improved membrane permeability in the synapses).

● **Macular degeneration and retinitis pigmentosa** - Macular degeneration is a common disorder in the elderly and one of the main causes of blindness: the retina ages and gradually loses its function. The main cause of macular degeneration is the reduction in blood flow to the retina and the choroid. It has been discovered that crocin significantly increases the blood flow in both the retina and the choroid and helps to restore the function of the eye. This effect is because of crocin's ability to dilate blood vessels, which possibly enables the tissues in the eye to receive higher levels of oxygen and nutrients.

● **Aphrodisiac** - Traditionally, *Crocus sativus* is an aphrodisiac. The use of this in erectile problems was confirmed in a small study involving 20 men.

● **Cytoprotective and anti-radical action against oxidative stress** - The presence of saffron in a large amount of carotenoids endows the spice of remarkable antioxidant and antiradical properties, properties experimentally documented both in vitro and in vivo. In vitro, both the total extract of saffron that its constituents crocin, crocetin, dimethylcrocin safranal and were able to neutralize the radical DPPH.

Cosmetic grade extract :

● **Anti pruritic and Emollient effects:** *Crocus sativus* in a topical formulation at a concentration of 0.025%w/w was found to have beneficial effects, with atopic dermatitis, ichthyosis vulgaris, and other xerotic diseases of mild severity.

SAFFROXY® is 100% Made in Italy from beginning (RAW MATERIAL) to end (DRY EXTRACT)

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