

# ZAFFRONEL®

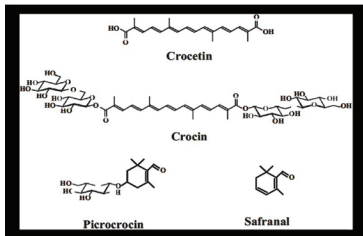
Standardized Saffron Extract  
2% Safranal and  
2.5% Crocin



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Saffron has been used traditionally in medicine for thousands of years, and in recent years research has uncovered many of saffron benefits and applications. One of the most known applications for saffron extract is to promote a state of relaxation and help anxiety. The antioxidant properties of saffron together with two of its main compounds crocin and safranal may help inhibit re-uptake of dopamine, norepinephrine and serotonin, naturally occurring chemicals involved in regulating a positive state of mind\*\*

## SAFFRON'S PHYTOCHEMICAL COMPOSITION



Only 30 mg a day

According to clinical studies 30 mg a day of saffron extract with a minimum of 2% safranal has shown to be as effective as 20 mg of fluoxetine and 100 mg of imipramine.

## ZAFFRONEL® MAY HELP:

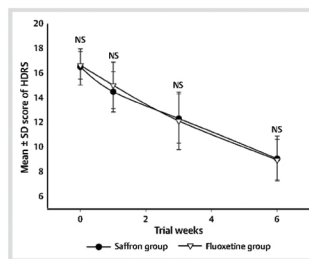
- Calm feelings of anxiety \*\*
- Promote a state of relaxation \*\*
- Support of positive state of mind \*\*
- Cognitive Memory \*\*
- Eye health \*\*

No side effects and safe up to 5g

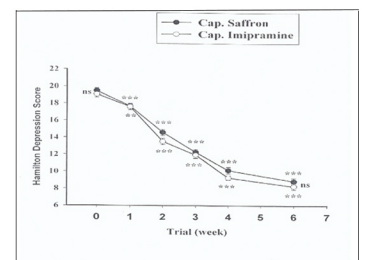
\*\*These statements have not been evaluated by the Food and Drug Administration and are not intended to diagnose, treat, cure, mitigate or prevent any disease.

### Bibliographic reference:

1. Akhondzadeh S, et al. Crocus sativus L. in the treatment of mild to moderate depression : a double-blind, randomized and placebocontrolled trial. *Phytotherapy Research*, 19 (2005) 148-151.
2. Akhondzadeh S, et al. Comparison of Crocus sativus L. and imipramine in the treatment of mild to moderate depression : a pilot double-blind randomized trial [ISRCTN45683816]. *BMC Complementary and Alternative Medicine*, 4 (2004) 12-16.
3. Noorbala A.A, et al. Hydro-alcoholic extract of Crocus sativus L. versus fluoxetine in the treatment of mild to moderate depression : a double-blind, randomized pilot trial. *Journal of Ethnopharmacology*, 97 (2005) 281-284.
4. Akhondzadeh S, Shafiee Sabet M, Harirchian MH, et al. A 22-week, multi-center, randomized, double-blind controlled trial of Crocus sativus in the treatment of mild-to-moderate Alzheimer's disease. *Psychopharmacology (Berl)*. 2010 Jan;207(4):637-43



Double blind randomized  
N = 40 patients  
Fluoxetine is an active molecule found in antidepressants  
Saffron reduces the HAM-D score by 12.5  
Fluoxetine reduces the HAM-D score by 14.8  
HAM-D: Hamilton Depression



Double blind randomized  
N = 30 patients  
Imipramine is an active molecule found in antidepressants  
Saffron reduces the HAM-D score by 10.6  
Imipramine reduces the HAM-D score by 10.8  
HAM-D: Hamilton Depression



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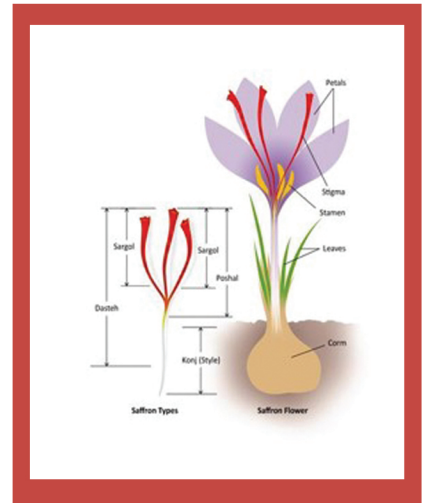
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# Zaffronel® Created by Nature, validated by Science™

**ZAFFRONEL®** is a Standardized Saffron Extract 2.0% Safranal, 2.5% Crocin and 3.0% Picrocrocin, made from high quality sargol stigmas from the *Crocus Sativus L.* plant.

**ZAFFRONEL®** is grown and manufactured in Spain using our proprietary method to ensure the highest quality extraction and standardization of the beneficial compounds; safranal, crocin and picrocrocin. Zaffronel® is Kosher, validated by DNA, Non GMO, Vegan, 100% pure saffron stigmas, and is available regular and organic.



**ZAFFRONEL®** saffron extract 2% safranal is manufactured exclusively for Nature4Science, Inc and inventory is available in California with a lead time of 3-4 business days. Zaffronel is available in powder and 30 mg bulk capsules.

Our manufacturer in Spain is GMP, Eco and organic certified. It is FDA Approved Facility and available for audits.

Zaffronel® is a powder extract, water soluble and formulation friendly for capsules, tablets, liquid formulas, Soft gels, etc.



For more information or to request a sample please contact:  
[customerservice@nature4science.com](mailto:customerservice@nature4science.com)

or visit our website:  
[www.nature4science.com/zaffronel](http://www.nature4science.com/zaffronel)



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