

NeuroEnhance

Mood, Stress and Nervous System Support

Orthoplex White NeuroEnhance is a unique, clinic-only Saffron-containing adaptogen formula that blends the strategically-considered traditional herbs Saffron, Withania, Rhodiola and St. John's Wort with neurotransmitter co-factor nutrients Zinc and Pyridoxal 5-phosphate.

NeuroEnhance supports healthy mood and mental focus and delivers adaptogens which provide support during stressful times. NeuroEnhance features standardisation of all herbal extracts, including the highly concentrated Withania extract, KSM-66®.

- ✓ Highly concentrated Withania extract KSM-66®
- ✓ Standardised Saffron extract
- ✓ Low-exciptient capsule
- ✓ Standardisation of all herbal extracts



- ✓ Gluten Free
- ✓ Dairy Free
- ✓ Egg Free
- ✓ Soy Protein Free
- ✓ Vegan
- ✓ Vegetarian

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Pack Size: 60 capsules

Adult Dose: Take 1 capsule twice daily, or as recommended by your registered healthcare practitioner.

Storage: Store below 25°C in a cool, dry place, away from direct sunlight.



Full disclosure of excipients in every formulation

Indications

- Contains herbs traditionally used in Ayurvedic, Russian and Western herbal medicine as adaptogens to protect the body against various stressors
- Helps promote peaceful sleep, and relieve stress and mild anxiety
- Helps support the health and function of the nervous system
- Traditionally used to:
 - Support mood balance
 - Maintain mental focus and stamina
 - Support learning, information processing and memory recall

Excipients

Maltodextrin, microcrystalline cellulose, calcium hydrogen phosphate dihydrate, colloidal anhydrous silica, vegetable capsule (Vcaps®).

Warnings

St John's Wort affects the way many prescription medicines work, including the oral contraceptive pill. Consult your doctor. If symptoms persist consult your healthcare practitioner. Vitamin and minerals should not replace a balanced diet.

Contraindications

Cephalexin. Product also contains St John's Wort which may affect the way in which many prescription medicines work. Please check the Drug Interactions on the Bioconcepts website for NeuroEnhance.

Pregnancy & lactation not advised

Information taken from Natural Medicines Database and accurate as of September 2019.

Each Capsule Contains

<i>Crocus sativus</i> stigma (Dry Herb Equiv)	25.7mg
equiv. Safranal	147mcg
equiv. Picrocrocine	220mcg
equiv. Crocin	110mcg
<i>Withania somnifera</i> root (KSM-66®) (Dry Herb Equiv)	2g
equiv. Withanolides	8mg
<i>Rhodiola rosea</i> root (Dry Herb Equiv)	650mg
equiv. Rosavins	2.44mg
equiv. Salidroside	813mcg
<i>Hypericum perforatum</i> herb top flowering (Dry Herb Equiv)	1.5g
equiv. Hypericins as hypericin	750mcg
equiv. Hyperforin	7.5mg
Pyridoxine hydrochloride	11mg
equiv. Pyridoxine	9.05mg
Pyridoxal 5-phosphate	5mg
equiv. Pyridoxine	3.42mg
Ascorbic acid	35mg
Zinc citrate	26.2mg
equiv. Zinc	8.5mg

Please note Orthoplex White products can only be purchased if you are an Orthoplex White approved customer. This medicine may not be right for you. Read the warnings before purchase. If symptoms persist talk to your health professional.



www.bioconcepts.com.au



Technical Information

Adaptogens: Traditional Stress and Nervous Support

NeuroEnhance contains two powerful adaptogenic botanicals: Withania and Rhodiola. Adaptogenic botanicals are those that support the non-specific response to, and recovery from, stress. A variety of general properties have been attributed to adaptogens. One of the most important of these is that they increase an individual's resistance to physical, chemical or biological stressors.¹

Withania KSM-66®: Support Mental and Physical Performance During Times of Stress

NeuroEnhance now contains a standardised extract of Withania—KSM-66®—which, as well as being the world's most concentrated extract with the highest percentage of withanolides, is also the most extensively researched extract. Withania has been traditionally used to support vitality and wellbeing, and assist with the relief of physical and mental exhaustion.

Withania (W. somnifera) KSM-66®

KSM-66® is a Withania extract that has been created via a process that took 14 years of research and development to develop and perfect. KSM-66® is the highest-concentration extract on the world market today that is drawn using only the roots of the Ashwagandha plant. It is produced using a first-of-its-kind extraction process, based on "Green-Chemistry" principles, without using alcohol or any other chemical solvents.

Saffron: Standardised Safranal, Crocin and Picrocrocin

Crocus sativus (Saffron) is traditionally valued as an aromatic spice around the world. It is proposed that some of the most important constituents of Saffron are Crocin, Picrocrocin and Safranal, all of which are standardised in NeuroEnhance.⁴

Nutrients and Herbs Assisting with Stress & Fatigue, Nervous Tension and Mood Imbalances

Neurotransmitter Nutrient Co-Factors

- Zinc citrate
- Ascorbic acid
- Pyridoxal 5'-phosphate
- Pyridoxine hydrochloride

Traditional Herbs

- Hypericum perforatum
- Withania somnifera
- Crocus sativus
- Rhodiola rosea

Saffron (C. sativus) stigma-Aaffron® is:

- ✓ Premium quality – complies with official methodology for the identification and quantification of the active compound safranal
- ✓ Active components – crocin (colour, NLT 1.5%), picrocrocin (flavour, NLT 3%) and safranal (aroma, NLT 2%)
- ✓ Non-irradiated ✓ Well-tolerated ✓ Sourced from La Mancha, Spain

St. John's Wort: Support Mood, Help Relieve Nervous Tension and Mild Anxiety

Extracts of Hypericum perforatum are widely used in the therapeutic support of healthy mood.⁵ St. John's Wort has traditionally been used in Herbal Medicine for over a millennia to help relieve restlessness, nervousness and mild anxiety.⁶ The active phytochemicals hypericin and hyperforin have been standardised in NeuroEnhance to deliver extra quality assurance in each capsule.

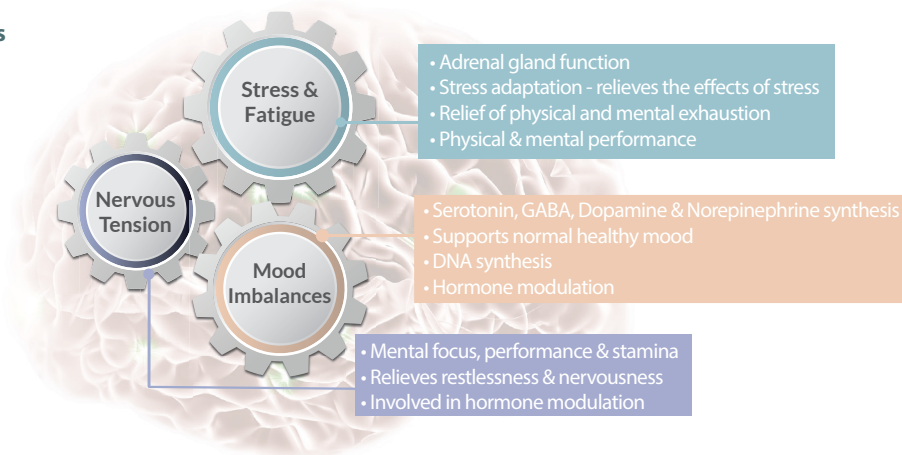
Rhodiola: Support Mental Focus and Stamina

Rhodiola is a traditional adaptogen used to help relieve the effects of mental, emotional, physical and environmental stress.⁷ Salidroside, a major active constituent of Rhodiola, has demonstrated adaptogenic activity and may support healthy stress, adrenal and nervous system response. Research suggests that under certain stressful conditions, Rhodiola may support mental focus and mental stamina.⁸

Support Neurotransmitter Synthesis

The active form of Vitamin B6—Pyridoxal 5'-phosphate (P5P)—is a required co-factor for the creation of several critical neurotransmitters. P5P is a cofactor in the conversion of 5-hydroxytryptophan (5-HTP) to serotonin, in the synthesis of dopa to dopamine and in the pathway converting tyrosine to norepinephrine.⁹ A key enzyme involved in the production of these neurotransmitters is aromatic amino acid decarboxylase, which is Vitamin B6-dependent.¹⁰

Research suggests that deficiency of Vitamin B6 affects the metabolism of aromatic amino acids and may reduce the formation of neurotransmitters. Conversely, supplementation with Vitamin B6 may potentially increase aromatic amino acid decarboxylase activity, thereby increasing amine synthesis.¹



References available upon request.