DOUGLAS LABORATORIES®

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Brain Mood

DESCRIPTION

Brain Mood, provided by Douglas Laboratories, is a synergistic blend of several ingredients to support feelings of well-being. Serotonin, along with its amino acid precursor, tryptophan, allows the brain to restore itself to maintain a level mood. The most important nutrients for serotonin production have been included in this formula, to help maintain the brain's symmetry and stabilize mood. †

FUNCTIONS

Serotonin, an important brain neurotransmitter, regulates appetite, mood and melatonin production. The presence of serotonin in the brain is associated with a balanced emotional state. This is achieved in part by decreasing the activity of certain excitatory hormones, including dopamine and noradrenaline. Serotonin also acts as a satiety signal in the brain, thereby naturally regulating food intake. Additionally, as a precursor of melatonin, serotonin is involved in regulating sleep patterns. Serotonin is unable to cross the blood-brain barrier and is therefore synthesized in the brain. Tryptophan, an essential amino acid, is a precursor for the synthesis of serotonin. Tryptophan crosses the blood-brain barrier and is converted to L-5-hydroxytryptophan, which, in turn is converted into serotonin. As a metabolic intermediate in the conversion of tryptophan into serotonin, 5-HTP can also serve as a precursor of serotonin.

Although St. John's Wort has a variety of traditional uses, extracts of this flowering perennial are best known for their mood balancing properties. St. John's Wort extract is widely recognized for its positive, supportive effects on mental and emotional function. †

As co-enzymes, the B vitamins are essential components in most major metabolic reactions. They play an important role in energy production, including the metabolism of lipids, carbohydrates, and proteins. B vitamins are also important for blood cells, hormones, and nervous system function. † As water-soluble substances, B vitamins are not generally stored in the body in any appreciable amounts (with the exception of vitamin B-12). Therefore, the body needs an adequate supply of B vitamins on a daily basis.

INDICATIONS

Brain Mood may be a useful dietary supplement for individuals wishing to support a sense of well-being and mood stability.

FORMULA (#98724)

Each Vegetarian Capsule Contains: Thiamine (as Thiamine HCI)15 mg Niacinamide......25 mg Folic Acid......300 mcg Vitamin B12 (as cyanocobalamin)......250 mcg Pantothenic Acid (as Calcium Pantothenate)......25 mg 5-Hydroxytryptophan (5 HTP)100 mg St John's Wort extract300 mg (standardized to contain 0.3% hypericin)

SUGGESTED USE

Adults take one capsule 3 times daily or as directed by physician.

Brain Mood

SIDE EFFECTS

Warning:

If you are pregnant, trying to become pregnant, nursing or taking any prescription medication(especially anticoagulants, oral contraceptives, anti-depressants, anti-seizure medications, drugs to treat HIV or prevent transplant rejection), consult your physician before using this product. This product may cause photosensitivity or skin rashes in some people. Avoid excessive exposure to sunlight, tanning lights or UV sources while taking this product. This product may cause serotonin syndrome in sensitive patients and may cause hair loss.

STORAGE

Store in a cool, dry place, away from direct light. Keep out of reach of children.

REFERENCES

Jangid P, Malik P, Singh P, Sharma M, Gulia AK. Asian J Psychiatr. 2013 Feb;6(1):29-34. doi: 10.1016/j.ajp.2012.05.011.

Keith ME, et al. J Am Diet Assoc. 2009 Aug;109(8):1406-10. doi: 10.1016/j.jada.2009.05.011.

Morris MS. Adv Nutr. 2012 Nov 1;3(6):801-12. doi: 10.3945/an.112.002535.

Das UN. Nutrition. 2015 Feb;31(2):283-291. doi: 10.1016/j.nut.2014.08.011.

Behnke K, Jensen G, Graubaum H, Gruenwald J. Advances In Therapy [serial online]. January 2002;19(1):43-52.

Ribeiro C. For the Portuguese Head Society. Headache [serial online]. June 2000;40(6):451-456.

Schruers K, van Diest R, Nicolson N, Griez E. Psychopharmacology [serial online]. June 2002;161(4):365-369.

Cangiano C, et al. Adv Exp Med Biol 1991;294:591-3.

Cangiano C, et al. Am J Clin Nutr 1992;56:863-7.

Ernst E. Fortschr Med 1995;113:354-5.

Kerb R, et al. Antimicrob Agents Chemother 1996;40:2087-93.

Linde K, et al. Bmj 1996;313:253-8.

Meyers S. Altern Med Rev. 2000 Feb;5(1):64-71. Review.

Shakir KM, Kroll S, Aprill BS, Drake AJ 3rd, Eisold JF. Mayo Clin Proc. 1995 Jun;70(6):556-8.

For more information on Brain Mood, visit douglaslabs.com

† These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.

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