

PRODUCT INFORMATION

DMAE

Activates higher brain functions and thus improves the ability to think, the memory as well as the capability to learn and the concentration power. Dimethylaminoethanol (DMAE) effectively counteracts age-related disorders and reduction of brain performance and helps to keep important cognitive functions fit.

Basic Facts

DMAE (**dimethylaminoethanol**) can always be found in the brain in small quantities. If added artificially, the improvement in brain function can be clearly shown. DMAE is called a nootropic substance. Nootropics are substances that aim at an improvement of the performance of the brain (in the sense of an activation of disturbed adaptation capabilities).

They activate higher brain functions and stimulate cortical vigilance. They are furthermore held to be responsible for the functional selectivity in the telencephalon (end brain) and for the restoration of certain parts of the higher nervous system.

What is notable in nootropic substances is that they do not intervene in the subcortical processes that take place in the brain stem (reticular and limbic systems) but act directly on the consciousness exclusively via the cortical systems. Although the neurochemical processes are not yet fully understood, it is known that the nootropic activities influence only certain regions of the brain.

These substances influence the cell membranes regarding permeability and stress resistance, but also have an effect on the formation of serotonin. The research regarding nootropic substances such as DMAE takes place mainly with a view to the age-related decrease of brain functions (e.g. Alzheimer's disease) and the aging process.

Effects

Dimethylaminoethanol (DMAE) is a nootropic substance the effect of which is possibly due to an increase in the concentration of the neurotransmitter acetylcholine in the brain. Clinically, this effect shows in an improvement of disorders of the brain functions and the brain performance, in particular of the symptoms of impaired memory, weak concentration, lack of drive, increased fatigability and depressive mood.

Patients were examined who suffered from states of anxiety, for instance. The test persons who received DMAE showed a clear increase in the synchronization of the two hemispheres. Their neuromotor control was improved, their memory for words increased, and they were able to better deal with their states of anxiety.

DMAE can be positively used in case of behavior and learning problems such as hyperactivity, hyperkinesia (involuntary movements) and attention deficits which are mainly, but not exclusively, observed in children.

A study involving 100 test persons showed that DMAE is effective against chronic fatigue and light depression. Motivation and personality development were improved, and also the sleep.

In an animal experiment with rats it was observed that DMAE was able to dissolve water-insoluble protein structures which appear in later life in brain tissue, among others. These protein structures are caused by free radicals.

Other studies showed that DMAE prevented the increased occurrence of wear pigments (lipofucin), a symptom of old age in the brain and the heart muscle. In this function DMAE supports enzymes which, as antioxidants, inhibit the development of the free radicals.

Late dyskinesia (dyskinesia tarda), a disease which mainly affects the motoricity

of the muscles in the face, is mostly caused by many years of treatment with neuroleptics. In tests carried out over a period of several years it was observed that the concomitant administration of DMAE inhibited the course of the disease so that the treatment with neuroleptics could be continued. In other diseases of the extrapyramidal system such as for instance akathisia (inability to sit still), DMAE could demonstrably bring relief.



Composition

One capsule contains 125 mg DMAE (dimethylaminoethanol) from 344 mg DMAE bitartrate in pharmaceutical grade.

Other ingredients: rice flour, magnesium stearate.

Dosage

In normal cases take 1–4 capsules daily 30 minutes before breakfast with plenty of fluid. Should you develop sleeplessness, headache and muscular pain, reduce the dose.

Instructions

Food supplements are no substitute for a well-balanced diet and a healthy lifestyle. The indicated recommended daily intake should not be exceeded. Persons under constant medical care should consult a physician before taking the supplements. Product information is not to be considered a statement regarding cure; in general, we advise against self-medication without proper consultation of a doctor. Subject to mistakes and print or typographical errors.

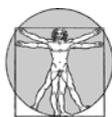
Store in a cool and dry environment, out of reach for children.

DMAE Product Groups

DMAE can be found in the following product groups (www.vitabasix.com):

-  **Brain & Memory**
-  **Power & Energy**
-  **Sleep**

Manufacturer:



VitaBasix[®]

by LHP Inc.

www.vitabasix.com | uk@vitabasix.com

Tel.: 00800-7030-7060 | Fax: 00800-1570 1590

Important information:

Our products are manufactured in accordance with the GMP (Good Manufacturing Practice) standard. Their quality, purity and concentration are regularly tested in independent test laboratories, in keeping with the FDA (Food and Drug Administration) guidelines.

Our products should be regarded as preventive measures or measures to enhance the individual's general wellbeing. Patients must consult a doctor before using the products for the treatment of diseases.

Subject to alterations and printing errors. Version May 2020