



**Legere Pharmaceuticals** Trusted in the industry for Over 35 Years



## DIUCAPS™ CAPSULES

### L-Phenylalanine

Each capsule contains: L-Phenylalanine 300 mg., Vitamin C 100 mg., Vitamin B6 25 mg. and Pantothenic Acid (B-5) 50 mg.

#### From Practical Scientific Approach

Drugs that can reduce appetite exist, though most (phenylpropanolamine, amphetamine, Ritalin®, fenfluramine) are stimulants that are effective for only a few weeks and often have undesirable behavioral side effects. Phenylalanine, an essential nutrient amino acid, can inhibit appetite by increasing the brain's production of the neurotransmitter NE (norepinephrine). Phenylalanine also causes the brain to release the hormone CCK (cholecystokinin), which has been shown to inhibit eating.

Amphetamine works by causing the brain to release NE from its stores and by blocking its recycling. But, unlike amphetamine, L-phenylalanine does not cause a depressive crash when the patient stops taking it. That's because L-phenylalanine causes the brain to increase both its production and its stores of NE, rather than depleting the stores as amphetamine does.

L-phenylalanine is an essential amino acid that turns into a neurotransmitter in the brain, a chemical transmitter between the nerve cells and the brain. These neurotransmitters provide feelings of joy, ambition, alertness, and can inhibit appetite. Phenylalanine has been used in cases of depression, replacing anti-depressants very successfully.

L-phenylalanine should be distinguished from sympathomimetic amine class of obesity drugs. These anorectic agents cause the brain to use up its stores of NE, without stimulating it to produce more. After your supply of NE runs out (after two weeks or so), you feel let down, and very probably you will go on a rebound eating binge when you stop taking the pills. Since L-phenylalanine does not deplete the supply of NE (in fact, the brain uses it to make more), you don't have the letdown and rebound-eating binge problem.



#### FEATURES & BENEFITS - DIUCAPS™ MAY ASSIST WITH:

- Inhibit appetite\*
- Regulate mood\*
- Curb cravings, head hunger\*
- Control binge & night time eating\*
- Enhance mental focus\*

ALL NATURAL, SAFE & EFFECTIVE, NON-STIMULANT

Diucaps™ is most effective when taken before bed time (one capsule) because it takes several hours for the L-phenylalanine to be converted to NE by the brain. Vitamins C and B-6 are required for this conversion and are included in this formula. Since the NE is stored in the brain for a few days, there will be a lag of a few days between dose changes and full response to the dose change.

Vitamin C and B-6 are required for the conversion of phenylalanine to norepinephrine (NE) by the brain. Vitamin C maintains the protein collagen, gives strength to blood vessels and it is an antioxidant.

Vitamin B6 contributes to the formula as a natural diuretic and mood stabilizer. It also helps to metabolize fats and carbohydrates. B6 helps maintain the balance of sodium and potassium which regulate body fluids.

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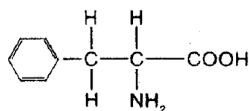
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\*These statements have not been evaluated by the Drug and Food Administration. In keeping with government regulations we make no therapeutic or medical claims on our products.

•Pantothenic Acid is the essential part of coenzyme A which is required for cellular metabolism. It releases energy from carbohydrates, fats and proteins. As a coenzyme, it helps in the utilization of other vitamins. It also can improve the body's ability to withstand stressful conditions and aids in the prevention of premature aging, wrinkles and borderline hypoglycemia.

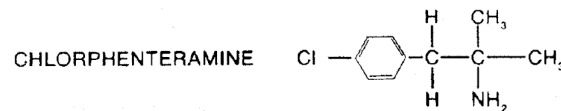
Diucaps™, (L-Phenylalanine) is an amino acid similar in compound to serotonin enhancing controlled drugs, such as Phentermine. Diucaps™ enhance the effects of these controlled substances, and assists in the easy transition from their use in weight control. Diucaps™ will provide effective, mood, binge eating and "head hunger" control without harmful side effects\*.

#### APPETITE-REDUCING AGENTS



**PHENYLALANINE**, an amino acid which is converted in your brain to NE (norepinephrine), a neurotransmitter which controls hunger.

Here are some of the phenylalanine look-alikes found in diet pills:



Safe & effective, Diucaps™ requires NO controlled record keeping

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