

PERQUE

ACTIVATED B-12 GUARD SUBLINGUAL LOZENGE:

AN ORAL "INJECTION" FOR ENERGY AND DETOXIFICATION

PERQUE Activated B-12 Guard is in lozenge form for maximum uptake and optimal delivery to the brain. **Studies on PERQUE Activated B-12 Guard lozenge formulation show nearly the same B-12 uptake as from injection.** Patients notice that they feel better more quickly.

Vitamin B-12 in our food supply is estimated to be 78% less than in the 1960s. Diet alone is hard pressed to provide the necessary levels of this important nutrient. In addition, stress and reduced hydrochloric acid (HCl) and intrinsic factor production in the stomach impair absorption. The most commonly used forms of B-12 require activation in the body, making uptake quite low—rarely more than 50%.

PERQUE delivers vitamin B-12 in its superior, activated **hydroxocobalamin** form. Although it is more expensive and difficult to obtain, hydroxocobalamin lasts longer and raises B-12 blood concentrations higher than other forms. **For this reason, it is the only form PERQUE uses.** Hydroxocobalamin requires no intrinsic factor and is **taken up directly by mucous membranes** regardless of digestive competence.

ACTIVATED B-12 GUARD FOR SAME!

Optimal absorption of vitamin B-12 is essential to keep SAME (S-adenosyl methionine) in its beneficial form. SAME is critical for the manufacture of brain chemicals and for detoxification.

ACTIVATED B-12 GUARD PROMOTES HEART HEALTH

The correlation between homocysteins and vitamin B-12 is significant.

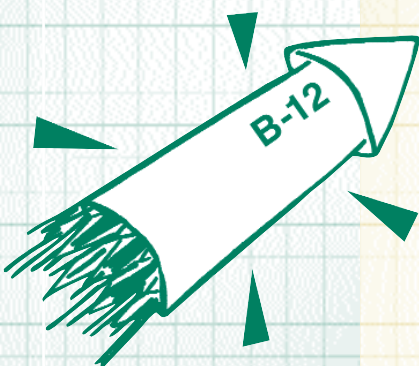
Nearly 57% of men with elevated homocysteine have low levels of B-12. Signs of deficiency may take as long as six or more years to manifest clinically. Meanwhile, as homocysteine levels climb, **cardiovascular risk rises. B-12 Guard, taken with the synergistic nutrients B-6 and folic acid (both found in PERQUE2 Life Guard), delivers maximum action for keeping homocysteine levels low.**

B-12 AND FOLIC ACID

The connection between **vitamin B-12 and folic acid** is also critical. **Vitamin B-12** reactivates folic acid. If an individual has low levels of vitamin B-12, severe folic acid deficiency may develop. Similarly, a B-12-deficient individual taking only folic acid can make the B-12 deficiency worse. Chronically low levels of B-12 result in megaloblastic (B-12) anemia. The solution: **Always take both B-12 and folate, which can be found in PERQUE2 Life Guard and in PERQUE Hematin.**

ACTIVATED B-12 GUARD FIGHTS FATIGUE

Hectic lifestyles, stress, and increasing levels of toxins in the environment can lead to exhaustion. Individuals suffering from **fatigue** can benefit from B-12 supplementation. B-12 stimulates the body's utilization of proteins, fats, and carbohydrates, which in turn can increase energy. Research shows that 2-20 mg. (2,000 - 20,000 mcg.) daily is required for optimal benefit. **Each B-12 Guard lozenge delivers 2,000 mcg. of B-12.**



LASTS LONGER
DIRECT UPTAKE FOR FULL ABSORPTION

ACTIVATED B-12 GUARD

ONE GREAT-TASTING SUBLINGUAL LOZENGE PROVIDES:



Energized Nutrients

B-12 (hydroxocobalamin)	2,000 mcg.
Sorbitol	1 mg.
Mannitol	295 mg.
Magnesium (as vegetable stearate)	3.5 mg.
Natural cherry flavor	2.5 mg.

Typical Dosage

As a dietary supplement, take one (1) lozenge daily or as directed by your health professional. Place lozenge under tongue and let dissolve.

Available in bottles of 100 lozenges.

MORE ABOUT HOMOCYSTEINE BEAT FATIGUE WITH B-12

The importance of maintaining normal homocysteine levels cannot be overemphasized. Your heart health depends on it. Clearly, the scientific evidence indicates that nutrient deficiency is a factor in elevated homocysteine levels. However, in a recent study, researchers discovered that in many patients, even when serum levels of vitamins appear to be normal, homocysteine concentrations were still too high.

Elevated homocysteine levels are implicated in much more than heart

disease. In a study of women with both chronic fatigue and fibromyalgia, researchers discovered that all of the patients had high levels of homocysteine in their cerebrospinal fluid. They also noted a significant correlation between high homocysteine levels and fatigue. The study emphasized the importance of the relationship between B-12 and homocysteine, and showed that B-12 deficiency was a contributing factor. By decreasing levels of homocysteine in the central nervous system, B-12 can help prevent and treat fatigue.

1. Glueck CJ, et al.: Evidence that homocysteine is an independent risk factor for atherosclerosis in hyperlipidemic patients. *Am J Cardiol* 1995; 75: 132-136.
2. Van Goor, et al.: Cobalamin deficiency and mental impairment in elderly people. *Age Ageing* 1995; 24: 536-542.
3. Abalan F, et al.: Frequency of deficiencies of vitamin B-12 and folic acid in patients admitted to a geriatric-psychiatry unit. *Encephale* 1984; 10: 9-12.
4. Nilsson K, Gustafson L, Hultberg B: Plasma homocysteine is a sensitive marker for tissue deficiency of both cobalamines and folates in a psychogeriatric population. *Dement Geriatr Cogn Disord* 1999 November-December; 10(6): 467-482.
5. Regland B, Andersson M, Abrahamson L, Bagby J, Dyrehag LE, Gottfries CG: Increased concentrations of homocysteine in the cerebrospinal fluid in patients with fibromyalgia and chronic fatigue syndrome. *Scand J Rheumatol* 1997; 26(4): 301-307.

THE PERQUE GUARANTEE

Like every other **PERQUE** product, **Activated B-12 Guard** comes with a 100%, unconditional, money-back guarantee — the strongest guarantee in the natural health industry. This unique guarantee provides the assurance that:

- Every **PERQUE** product provides 100% potency and activity for its entire shelf life.
- Every ingredient used in a **PERQUE** product is pharmaceutical-grade or better.
- All **PERQUE** products dissolve rapidly (usually within 20 minutes), eliminating digestive irritation often found with other brands.
- Full label disclosure is provided for all **PERQUE** products — no hidden ingredients.
- Every **PERQUE** product is activated with the same transporters that are used by nature and in food to ensure full bioavailability. The biologically preferred form of an ingredient is always used for enhanced activity.
- Free of wheat/gluten, corn/zein/starch, dairy/casein/whey/milk derivatives, yeast, soy, sulfate, phosphates (other than coenzymes), and preservatives.
- No genetically modified organisms (GMOs).
- 100% vegetarian formula.
- Unique post-production assays and clinical bioassays assure product integrity.

YOUR QUALITY ASSURANCE

Every **PERQUE** product is produced following or exceeding the FDA's pharmaceutical GMP (Good Manufacturing Practices) regulations.