

WEEKLY PRODUCT FEATURE

B₁₂-2000™ Lozenges



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Vitamin B₁₂ deficiency is increasingly common given the Standard American Diet (SAD), and its prevalence has been found to increase with age. Vitamin B₁₂, an essential vitamin, is an indispensable coenzyme for two very important metabolic enzymes: methylmalonyl-CoA, which is involved in fatty acid metabolism, and methionine synthase, which is required in nucleic acid synthesis and methylation reactions. Folic acid is required for DNA synthesis as well as lipid metabolism. Vitamin B₆ is vital to numerous functions including immune support, gluconeogenesis, red cell metabolism, as well as lipid and neurotransmitter synthesis, which affects both nervous system and hormone function. The status of all three vitamins has been shown to be negatively impacted as a result of interactions of commonly prescribed drugs, including birth control pills. Deficiencies have been linked to serious health challenges such as neural tube defects. **B₁₂-2000™ Lozenges** is a supplement that patients can't wait to take. Each great tasting **B₁₂-2000™ Lozenges** supplies 2,000 mcg of vitamin B₁₂ (as hydroxycobalamin), 800 mcg of Folate (as calcium folinate), and 2 mg of vitamin B₆ (as pyridoxal -5-phosphate). It has been hypothesized that the supplementation of methylcobalamin in the presence of mercury (amalgam fillings) could lead to the formation of methyl mercury. Since **B₁₂-2000™ Lozenges** were designed to be dissolved in the mouth, Biotics Research has chosen to utilize hydroxycobalamin as the preferred form of vitamin B₁₂ for oral dosing. It is likely that a disproportionate percentage of your patients will require B₁₂ supplementation. However, due to deficits in absorption rates and intrinsic factor, oral B₁₂ supplements are not always the ideal form of the nutrient. **B₁₂-2000™ Lozenges** have long been one of Biotics Research's best sellers for good reason; not only do they offer an ideal combination of vitamin B₁₂, folate and B₆, but they are readily absorbable and they taste great. In fact, the immediate gratification aspect of B₁₂ supplementation makes this supplement one of the most popular supplements that we routinely sample to healthcare providers at conventions and trade shows. Practitioners just have to try this supplement once to appreciate it. Similarly, this is an excellent product to sample with your patients. Your patients will be both shocked and pleasantly surprised that a supplement that has the potential to support so many functions, can taste so wonderful. Most people who require B₁₂ supplementation will readily purchase **B₁₂-2000™ Lozenges** once given a sample.



Research Pertaining to Other Topics of Interest

Vitamin D associated with decreased risks of colorectal cancer. A recent Japanese study of 1440 people (737 with cancer and 703 healthy individuals) found that the highest levels of vitamin D were associated with a lower risk of developing colorectal cancer by ~40%. In addition, the study also found a positive correlation with calcium intake and decreased colorectal cancer risk.

Yamaji T, Iwasaki M, Sasazuki S, et al. Association Between Plasma 25-Hydroxyvitamin D and Colorectal Adenoma According to Dietary Calcium Intake and Vitamin D Receptor Polymorphism. *Am. J. Epidemiol.* (2011) doi: 10.1093/aje/kwr295

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.