



Code: 9422 **NPN:** 80041191
Size: 60 Sublingual Tablets
Actual Size: 7.9 mm x 4.1 mm



B12 Methylcobalamin

Biologically Active Form of B12 · 5000 mcg

- Methylcobalamin is the active form of vitamin B12 for maximum benefit
- Superior bioavailability to the more common form, cyanocobalamin, which does not convert to enough methylcobalamin to correct some forms of anemia, neurological defects, and aging
- Lowers homocysteine levels for protective cardiovascular benefits
- Sublingual tablets allow for fast acting delivery system directly into blood stream

PRODUCT SUMMARY

Vitamin B12 is the cofactor in enzymatic reactions with diverse physiological functions. It is required for the conversion of methylmalonyl-CoA to succinyl-CoA, as well as for the conversion of homocysteine to methionine by methionine synthase, which is then converted into S-adenosylmethionine. A B12 deficiency causes impairments in both of these pathways, disrupting neurological function, including poor formation of myelin nerve sheaths, production of toxic levels of homocysteine, and inefficient energy production in all cells.

Methylcobalamin, the principal circulating form of B12 and the one transported into peripheral tissues, has been shown to not only reduce homocysteine, but also to reduce inflammatory factors and the volume of carotid artery plaques among stroke patients, as well as pain, and neuropathy among diabetics. Because of its relationship to myelin production and neurological function, high dose B12 has been used in a variety of neurodegenerative diseases, including Parkinson's disease, amyotrophic lateral sclerosis, and multiple sclerosis.

Some individuals, especially those with malabsorption or low dietary intake, are at higher risks for a B12 deficiency. Individuals with impaired absorption of B12 rely on passive absorption, which is typically 1% of the ingested amount. Thus, high doses may be required for those with greater B12 needs, such as elderly individuals and those with neurodegenerative disorders.



B12

METHYLCOBALAMIN · BIOLOGICALLY ACTIVE FORM OF B12 · 5000 MCG

Serving Size: 1 Sublingual Tablet

Servings Per Container: 60

Each Tablet Contains:

Vitamin B12 (Methylcobalamin)..... 5000 mcg

Non-medicinal Ingredients: Lactose monohydrate, microcrystalline cellulose, croscarmellose sodium, vegetable grade magnesium stearate (lubricant).

Recommended Adult Dose: 1 tablet per day or as directed by a health care practitioner. Dissolve under the tongue. Consult a health care practitioner for use beyond 4 months.

Recommended Use: Helps to form red blood cells, prevent vitamin B12 deficiency and maintain good health. Methylcobalamin is the form of vitamin B12 that is active in the central nervous system. The liver may not convert cyanocobalamin, the common supplemental form of vitamin B12, into adequate amounts of methylcobalamin needed for proper neuronal functioning. The sublingual tablets dissolve quickly and easily under the tongue for quick absorption into the bloodstream. Vitamin B12 supplementation is of particular importance to vegetarians and those suffering from vitamin B12 deficiency.

Caution: Consult a health care practitioner prior to use if you are pregnant or breastfeeding. Keep out of reach of children.

Contraindication: High doses in oncology patients may be cautioned against because of its role in DNA synthesis. Supplemental folic acid may mask a B12 deficiency, which should be ruled out. Folic acid, as well as increased potassium intake, is recommended with B12 therapy.

Drug Interactions: Although several classes of drugs, such as aminoglycosides, anticonvulsants, bile acid sequestrants, and proton pump inhibitors are known to interfere with B12 absorption or function, there are no known negative interactions caused by B12 supplementation with any medications. B12 may enhance the function or reduce the adverse effects of several medication classes, such as SSRIs and oral contraceptives.

Contains no artificial colours, preservatives, or sweeteners; no starch, sugar, wheat, gluten, yeast, soy, corn, egg, fish, shellfish, salt, tree nuts, or GMOs. Suitable for vegetarians. Sealed for your protection. Do not use if seal is broken. For freshness, store in a cool, dry place.

References available at bioclinicnaturals.com



· GUARANTEED ·

Bioclinic Naturals® products are guaranteed to meet or exceed Good Manufacturing Practices (GMP) of the U.S. Food and Drug Administration (FDA), Health Canada, and the Therapeutic Goods Administration (TGA) of Australia.



PRODUCT OF CANADA
Bioclinic Naturals® Canada
Burnaby, BC V3N 4T6
bioclinicnaturals.com

FOR PROFESSIONAL USE ONLY. This product is not intended to diagnose, treat, cure or prevent any disease.

© All Rights Reserved Bioclinic Naturals® 2020. November 2020. 9225436

Bioclinic Naturals is distributed by Assured Natural Distribution Inc.

Head office Assured Natural Distribution Inc., 104 – 3686 Bonneville Place, Burnaby, BC, Canada V3N 4T6 | **U.S. Distribution office** 14224 167th Avenue SE, Monroe, WA, USA 98272

Customer Service 1-888-826-9625 · Fax 1-877-433-9862 · Email customerservice@bioclinicnaturals.com