



B12 Methylcobalamin

Biologically Active Form of B12 · 5000 mcg

- Methylcobalamin is the form of vitamin B12 that is active in the central nervous system*
- Superior bioavailability*1
- Supports healthy homocysteine levels already within the normal range, in support of cardiovascular health*
- Lozenges dissolve quickly in the mouth and are easy to take

Code: 9422 Size: 60 Lozenges

Actual Size: 8.04 mm diameter



PRODUCT SUMMARY

Vitamin B12 is the cofactor in enzymatic reactions with diverse physiological functions. Methylcobalamin, the principal circulating form of B12 and the one transported into peripheral tissues, has been shown to support normal homocysteine levels, help organize the body's response to cellular damage, maintain cardiovascular health, and support healthy neuronal function.*5-8

B12 levels may be low due to inadequate dietary intake or insufficient absorption, which becomes more common with age. The 5000 mcg serving helps provide additional support.^{9–14}



To Place Your Order Email: customersupport@bioclinicnaturals.com **Call:** 1·877·433·9860 • **Fax:** 1·877·433·9862





B12 METHYLCOBALAMIN

BIOLOGICALLY ACTIVE FORM OF B12 · 5000 MCG



Supplement Facts Serving Size 1 Lozenge Amount Per Serving % Daily Value 208,333% Vitamin B12 (Methylcobalamin) 5000 mca

Other ingredients: Lactose (from milk), microcrystalline cellulose, croscarmellose sodium, magnesium stearate (vegetable grade).

Serving Size: 1 Lozenge Servings Per Container: 60

Suggested Usage: 1 lozenge per day or as directed by a health care professional. Chew or hold in mouth until dissolved.

Caution: Consult your health care professional prior to use if you are pregnant, trying to become pregnant, breastfeeding, taking medication, have a medical condition, or anticipate surgery. Keep out of reach of children.

Contraindications: 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 supplementation.

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. 16-23

Contains no artificial colors, 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

- [No authors listed]. (1998). Methylcobalamin. Altern Med Rev, 3(6), 461-3.
- Guéant, J.L., Caillerez-Fofou, M., Battaglia-Hsu, S., et al. (2013). Biochimie, 95(5), 1033-40.
- Calderón-Ospina, C.A., Nava-Mesa, M.O. (2020). CNS Neurosci Ther, 26(1), 5-13. Austin, R.C., Lentz, S.R., Werstuck, G.H. (2004). Cell Death Differ, 11(1), S56-64.
- Miranda-Massari, J.R., Gonzalez, M.J., Jimenez, F.J., et al. (2011). Curr Clin Pharmacol,
- Yuan, M., Wang, B., Tan, S. (2018). Rev Assoc Med Bras (1992), 64(5), 428-32
- Jiang, D.Q., Zhao, S.H., Li, M.X., et al. (2018). Medicine (Baltimore), 97(44), e13020.
- Buesing, S., Costa, M., Schilling, J.M., et al. (2019). *Pain Physician*, 22(1), E45-E52. Sun, Y., Lai, M.S., Lu, C.J. (2005). *Acta Neurol Taiwan*, 14(2), 48-54.
- Kumar, N. (2014). Handb Clin Neurol, 120, 915-26.
- McCaddon, A. (2013). Biochimie, 95(5), 1066-76
- Kaji, R., Imai, T., Iwasaki, Y., et al. (2019). J Neurol Neurosurg Psychiatry, 90(4), 451-57.
- Delpre, G., Stark, P., Niv, Y. (1999). Lancet, 354(9180), 740-

- 14. Gröber, U., Kisters, K., Schmidt, J. (2013). Nutrients, 5(12), 5031-45.
- Paul, C., & Brady, D.M. (2017). Integr Med (Encinitas), 16(1), 42-9.
- 16
- McColl, K.E. (2009). Am J Gastroenterol, 104(Suppl 2), S5-9. Aslan, K., Bozdemir, H., Unsal, C., et al. (2008). Int J Lab Hematol, 30(1), 26-35.
- Markkanen, T., Salmi, H.A., Sotaniemi, E. (1965). Z Vitam Horm Fermentforsch, 14(1), 66-71
- Karadag, A.S., Tutal, E., Ertugrul, D.T., et al. (2011). Int J Dermatol, 50(12), 1564-9.
- Aroda, V.R., Edelstein, S.L., Goldberg, R.B., et al. (2016). J Clin Endocrinol Metab, 101(4), 1754-61.
- 21. de Jager, J., Kooy, A., Lehert, P., et al. (2010). BMJ, 340, c2181.
- Dierkes, J., Westphal, S., Kunstmann, S., et al. (2001). Atherosclerosis, 158(1), 161-4.
- 23. Syed, E.U., Wasay, M., Awan, S. (2013). Open Neurol J, 7, 44-8.



· 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.



Container

PRODUCT OF CANADA Manufactured for and distributed by Bioclinic Naturals® U.S. 14224 167th Ave. SE, Monroe WA, USA 98272 bioclinicnaturals.com