Methyl B12 Intraoral Liposomal

Vitamin B12 is an essential water-soluble nutrient for the normal function of several body systems, including the cardiovascular, nervous, and digestive systems. It also helps support liver function and the detoxification process. A diet without adequate B12 can adversely affect the production of basic building blocks, like RNA and DNA, but also production of red blood cells. Research shows that many people can have difficulties metabolizing and absorbing B-12, especially when digestive and/or intestinal functioning is suboptimal. For these people, intravenous therapy or intraoral liposomal delivery are the best methods for achieving rapid shifts in blood levels of this key nutrient. (1)

Patient populations that suggest potential B12 deficiency:
- Patients with gastrointestinal disorders (including those that have had a diagnosed H. Pylori infection)
- The elderly (2)
- Persons following a vegan or vegetarian diet.
- Hematological disorders (especially pernicious anemia)
- Osteoporosis and bone health issues (4)
- Fertility issues
- Vascular disorders
- Neurological or neuropsychiatric conditions.

Studies have confirmed a likely link between vitamin B12 deficiency and depression. (5, 6)

Certain prescription drugs, like metformin and proton pump inhibitors, can also induce a B12 deficiency with continued use. Patients who have undergone a gastrointestinal bypass surgery are also at greater risk for deficiency of B12 and other key nutrients. (7)

Methylcobalamin is an active form of B12 (one of two coenzyme forms) and the only form that can actively participate in homocysteine metabolism. (8, 9) B12 is one of a handful of key nutrients that supports the methylation process, which has far-reaching implications for the support of healthy bodily functioning and detoxification. (5, 6) The nano-sized liposomes of BioG-Max B12 achieve rapid absorption and improve oral uptake of B12 for those patients struggling with nerve, brain, energy, and digestive assimilation challenges. It is unlike any B12 product you have ever used before!

Supplement Facts

<table>
<thead>
<tr>
<th>Serving Size: 2 pumps (0.33 ml)</th>
<th>Servings Per Container: 90</th>
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<tbody>
<tr>
<td>Amount per Serving</td>
<td>% Daily Value</td>
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<tr>
<td>Vitamin B12 (as methylcobalamin)</td>
<td>1000mcg</td>
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<tr>
<td>Phosphatidylcholine</td>
<td>32mg</td>
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<td>(from purified sunflower lecithin)</td>
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<td>† Daily Value not established.</td>
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Other Ingredients: Water, Glycerin, Ethanol, Vitamin E (as d-alpha tocopheryl polyethylene glycol 1000 succinate and as natural mixed tocopherols)

References