

WE EARN YOUR TRUST, ONE BOTTLE AT A TIME



SUBLINGUAL HYDROXY-B12

RN Labs Sublingual Hydroxy-B12 is a pure and hypoallergenic form of vitamin B12.

Delivered in a stable, great-tasting, and highly-absorbable lozenge that won't over-stimulate even the most sensitive patients, when taken at appropriate doses, whilst effectively supporting clinically focused vitamin B12 needs.



- ✓ Provides a stable and naturally-occurring form of vitamin B12
- ✓ Readily absorbed, even when digestion is compromised
- ✓ Converts to methyl B12 in the body, without introducing external methyl groups
- ✓ Supports the methylation cycle without over-stimulation
- ✓ Supports healthy homocysteine levels and cardiovascular function
- ✓ Vitamin B12 is required for the synthesis of myelin
- ✓ Supports normal stress and cognitive function through healthy neurotransmitter production
- ✓ Supports healthy blood formation
- ✓ Supports energy production and reduced fatigue
- ✓ Ideal for those with specific vitamin B12 needs, such as: in digestive conditions, the elderly, and vegetarian diets
- ✓ Great-tasting, sugar-free formula, provides oral health benefits

Sublingual Hydroxy-B12

Each Vegetarian Lozenge Contains:

Hydroxocobalamin..... 1000 mcg

Excipients: Xylitol, Microcrystalline Cellulose, Colloidal Anhydrous Silica

Pack Size: 120 lozenges | AUST L 322298

ADDITIONAL INFORMATION

SUGGESTED USE

Adults take 1-8 lozenges daily or as prescribed by your healthcare practitioner.

Note: whilst it is best to hold the sublingual lozenge in the mouth for as long as is practical to maximise trans membrane absorption, if the lozenge is immediately chewed/swallowed, it will still be passively absorbed similarly to almost all oral B12 supplementation.



STATEMENTS AND WARNINGS

FOR PRACTITIONER DISPENSING ONLY.

If symptoms persist consult your healthcare practitioner.
Vitamin supplements should not replace a balanced diet.



KNOWN SIDE EFFECTS

High doses of vitamin B12 have not commonly been associated with side effects. However, doses of Xylitol higher than the recommended dose range may result in bloating or diarrhoea in some individuals.



PURE & FREE FROM

This product does NOT contain wheat, gluten, dairy, lactose, egg, yeast, soy, artificial colours, artificial sweeteners, or artificial flavours. This product also does not contain synthetic preservatives, stearate lubricants and other commonly detrimental excipients.

QUALITY & PURITY

RN Labs use only the highest grade ingredients and materials available. Our purity standards for manufacturing and sourcing are extensively researched and verified.

RN Labs' Sublingual Hydroxy B12 is a pure and hypoallergenic product, developed to meet the needs of even the most sensitive patients. Formulated with no harsh or irritating excipients, ensures comfort, safety and efficacy for improved patient compliance and results.



LEADERS IN NUTRITIONAL MEDICINE

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SUBLINGUAL ABSORPTION

In a prospective open-labelled study seeking to determine if oral sublingual B12 administration can provide an alternative to intramuscular injection, 18 patients with cobalamin deficiency of various causes were treated with 1,000mcg sublingual cobalamin preparation for 2-4 weeks.

After washout, a significant increase in serum cobalamin concentration (as much as four-fold compared with the pretreatment concentration) was seen in most patients, with a mean change of more than double pretreatment levels. No patient experienced side-effects.

The authors concluded that sublingual cobalamin is an effective, safe, and convenient treatment, which provides rapid restoration of serum cobalamin concentrations and should be considered as an alternative method of administration.

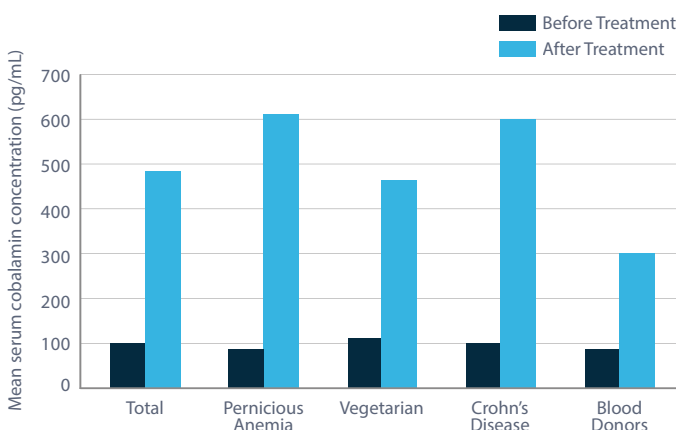
In a follow up case study, Chalmers, Bain & Costello concluded that "Oral Hydroxocobalamin therapy has an important place in the maintenance therapy of patients with cobalamin deficiency syndromes and with cobalamin cofactor synthesis disorders, it is preferred to intramuscular injections by patients, and deserves to receive wider publicity and use".

Lederle FA, 1991, 'Oral cobalamin for pernicious anaemia: medicine's best kept secret?', JAMA, vol. 265, pp. 94-5.

Elia M 1998, 'Oral or parenteral therapy for B12 deficiency', Lancet, vol. 352, pp. 1721-2.

Delpre G, Stark P & Niv Y, 1999, 'Sublingual therapy for cobalamin deficiency as an alternative to oral and parenteral cobalamin supplementation', Lancet, vol. 354(9180), pp. 740-1.

Chalmers, RA, Bain, MD & Costello, I 1999 Paediatric Metabolism Unit, Department of Child Health, St George's Hospital Medical School, London SW17 0RE, UK.



UNPARALLELED PURITY STANDARDS

RN Labs products define the highest level of purity, quality and innovation. We have always voluntarily provided full label transparency – meaning everything in the bottle is listed on the label.

LOW EXCIPIENT MANUFACTURING

Like you, nothing is dearer to us than our health and helping others achieve optimum wellness. It's why we are so fastidious about developing products that even the most sensitive individuals can take - free from harsh excipients and inappropriate compound forms.

CLINICAL VALIDATION

We are committed to improving client outcomes.

We always choose the most scientifically validated forms of nutrients available and formulate products based on clinical research.

UNCOMPROMISING INTEGRITY

Our product formulations are only produced if we can source ingredients that meet our high standards of purity through third-party testing. We only ever use manufacturers that do not take short-cuts to facilitate easier or cheaper manufacturing.