



**ADVANCED**  
ORTHOMOLECULAR RESEARCH

AOR CODE: AOR08412

# Tri-B 12 Synergy

**\$34.95** CAD

Three Foundational Forms of B12 for the Full Spectrum of Benefits

- Combines three different forms of vitamin B12: hydroxycobalamin, adenosylcobalamin and methylcobalamin
- High dose of bioavailable and active forms of B12
- Clean sourcing from Europe



Gluten Free Vegan Non-GMO Absorbables

AOR Code	Variant	Price
AOR08412	60 Lozenges	\$34.95

## Details

### What is Tri B12 Synergy?

AOR's Tri B12 Synergy is a combination of three independent and active forms of Vitamin B12. Methylcobalamin, Hydroxocobalamin and Adenosylcobalamin are three distinct cobalamin factors, each with their own unique benefits. When taken together, they provide an appropriate dose of bioavailable and active forms of B12 for comprehensive support in replenishing a deficiency. Vitamin B12 deficiencies can be caused by poor diet, impaired microbiota, or malabsorption, which is caused by diseases such as Crohn's or Celiac or use of proton pump inhibitors such as antacids. Populations at particular risk include the elderly, vegans, smokers, chronic antibiotic use and even genetic factors. AOR has sourced its ingredients from European suppliers certified under the "Green Chemistry" certification system.

### How Does It Work?

Vitamin B12 is used as a co-factor in enzymatic processes, which facilitate reactions in the body, like a key turning on a car ignition. Each form of cobalamin – methyl, hydroxyl, adenosyl – is vital to different cellular processes. Because in their absence key physiologic processes are compromised, a

deficiency in B12 may cause a variety of symptoms over time, from fatigue to increased cardiovascular risks, poor balance, and cognitive changes or depression.

## The Power of Three

**Methylcobalamin** is involved in the critical metabolic process called methylation, as well as the production of red blood cells, neurotransmitter and DNA synthesis, and homocysteine recycling, which is important for heart health.

**Adenosylcobalamin** is active within the mitochondria (the powerhouse) of cells to support metabolic function, including carbohydrate and fat metabolism, energy production and to maintain a healthy nervous system.

**Hydroxocobalamin** acts as a precursor to both the above forms and has independent detoxifying actions. It is also bound to the body's own transport molecules and serves as storage for later conversion, ensuring a longer lasting supply.

## Label Info

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### Discussion

Methylcobalamin, Hydroxocobalamin and Adenosylcobalamin are active sources of vitamin B12, each form with its own unique benefits. When combined, they quickly help replenish any Vitamin B12 deficiency in the body and assist it in metabolizing carbohydrates, fats and proteins. They also help in the formation of DNA and red blood cells

### Product Variation

Product Code	Size
AOR08412	60 Lozenges

### Supplements Facts

Serving Size: 1 Lozenge	Amount	% Daily
Vitamin B12	5 mg	0%
Methylcobalamin	3.5 mg	0%
Hydroxocobalamin	1 mg	0%
Adenosylcobalamin	500 mcg	0%

Microcrystalline Cellulose, Hydroxypropyl Cellulose, Ascorbyl Palmitate (from corn and palm)

### Guarantees

AOR™ guarantees that all ingredients have been declared on the label. Made without wheat, gluten, nuts, peanuts, dairy, eggs, fish, shellfish or any animal by-product.

### Adult Dosage

Dissolve one lozenge under the tongue first thing in the morning, or as directed by a qualified health care practitioner.

## **Cautions**

Consult a health care practitioner for use beyond 4 months. If you are pregnant or breastfeeding, consult a health care practitioner prior to use.

## **Main Application**

- Vitamin B12 deficiency
- Malabsorption issues
- High risk groups