



Vitamin B Coenzyme Complex Liposome

Nanosphere Liposome Tincture (100nm) 2 oz. Nutritional Tincture

Matrix Nutritional Series Cellular Health, Fatigue, Liver, Cardiac, Neural, Female

Patient Reference

Matrix Nutritionals Series was designed as an eclectic offering for the Physica Energetics line of remedies primarily to assist in the “reactivation of the mesenchyme” (Dr. Reinhold Voll), via the nutritional complement pathways. These pathways are present in every system throughout the body and require balanced attention. In keeping with the principles of BioEnergetic Medicine, the remedies nourish and support these systems without punishing them with overstimulation or imbalancing factors, which, ultimately, is counterproductive. This approach has been carefully and respectfully designed to provide the necessary natural (organic where available), synergistic factors in proper energetic and biochemical ratios, to ensure assistance towards yielding a deep and lasting result. They are not to be confused with replacement therapy nutraceuticals that may seem to help for the moment, until the patient stops taking them or the condition is driven deeper. These remedies honour The Legacy of BioEnergetic Medicine, and are known by both patient and practitioner to be exceptionally effective.

As the name implies, all B-vitamins contained in this formula are in the coenzyme or phosphorylated form. Phosphorylated B-vitamins are coenzymes that are energy-preloaded for immediate action without the additional conversion in the liver.

The B-vitamins comprise a group of vitamins that perform essential, closely interrelated roles in cellular functioning, acting as co-enzymes in a vast array of catabolic and anabolic enzymatic reactions. It is important to realize that in nature no true B-Vitamin is found in isolation as they always occur together. Their collective effects are particularly prevalent in numerous aspects of brain function, including energy production, DNA/RNA synthesis/repair, genomic and non-genomic methylation, oxidation-reduction reactions, energy production, detoxification, the synthesis of numerous neuro-chemicals, signaling molecules, mitochondria and the formation of other biologically essential compounds.

B-vitamins act as coenzymes in a substantial proportion of the enzymatic processes that underpin every aspect of cellular physiological functioning. As a coenzyme, the biologically active form of the vitamin binds within a protein *apoenzym*, creating a *holoenzyme*, thereby increasing the resultant enzyme's competence in terms of the diversity of reactions that it can catalyse. In this role, the B-vitamins play key interacting roles in the majority of cellular functions.

The clinical efficiency and effectiveness of this formula is significantly increased through the application of the unique nanosphere liposome technologies. Liposomes are a wise choice particularly for water soluble nutrients that would not otherwise be immediately bioavailable.

These nanosphere liposomes are designed specifically to by-pass the digestive processes and get taken up predominately by the immune cells of the lymphatic system in the small intestine. Not the portal circulation(!), and as such, are not subject to the first pass of the liver. The immune cells of the lymphatics of the small intestine achieve high concentrated levels of nutrients, supercharging them and sending them into circulation. The nanosphere process makes smaller, more stable, single-layer spheres for highly concentrated delivery.

These nanospheres have demonstrated the ability to cross the blood-brain barrier, release their components intracellularly and enhance lymphatic circulation of the encapsulated therapeutic compounds. In addition, being chirally correct, our high quality, sunflower phospholipids composing the liposome shell, feed the cell membranes.

Organic honey, pure essential phospholipids from Non-GMO sunflower lecithin, Non-GMO malic acid and organic theobroma cocoa create a pleasant tasting and smelling (!), stable, non toxic preservatives, soy-free liposome, Vitamin B Coenzyme Complex.

Causal Chain Ingredients:

Riboflavin (as riboflavin5'-phosphate) 12.5 mg
Niacin (as inositol hexanicotinate) 10 mg
Vitamin B6 (as pyridoxal-5'phosphate, pyridoxine HCl)10 mg
Quatrefolic™(6S)-5-MethylTetraHydro-Folate (MTHF) (elemental, as 500 mcg (6S)-5-Methyltetrahydrofolic acid, glucosamine salt (vegetarian source)) 450 mg DFE
Vitamin B12 (as methylcobalamin) 500 mcg,

Biotin 500 mcg
Pantothenic acid (as calcium d-pantothenate) 10 mg
Magnesium (as magnesium orotate) 4 mg
Choline (as choline bitartrate) 10 mg
Artichoke leaf 4:1 Extract (Cynara scolymus) 50 mg
Trimethyl-glycine (Betaine anhydrous) 25 mg
Benfotiamine 12.5 mg
Inositol 10 mg
NADH (nicotinamide adenine dinucleotide) 1 mg