



## Bone Matrix™

Reformulation Date:

February, 2024

Reformulation Details\*

Bone Matrix™ has been reformulated to improve its ability to help retain normal bone mineral density. Calcium and Magnesium is now provided in a 2:1 ratio recommended for bone health by most health experts. In addition, the citrate and aspartate forms of these two minerals, respectively, have been changed to the citrate-malate and malate forms as research shows these forms have a positive effect on bone mass in postmenopausal women. Bamboo replaces Horsetail as the source of Silicon in this formulation because it has been standardized to provide a relatively consistent amount of this important trace mineral. Bioavailable forms of Zinc and Copper have been added because there is substantial research indicating these two minerals work synergistically with the Calcium, Magnesium, Manganese and Boron found in the original formulation to support the synthesis and cross-linking of collagen in the bone matrix and to promote bone formation and mineralization. Vitamin D3 from a vegan source is now in the formulation due to its well-known beneficial effect on Calcium absorption and utilization in maintaining healthy bone density and reducing bone loss. Vitamin K2 has also been added for its scientifically-proven ability to positively impact bone metabolism, particularly the mineralization of the bone matrix. A higher potency of the isoflavone, Genistein, from a non-soy source replaces Soy Isoflavones in this product, providing the same phytoestrogenic bone protection without the allergenicity. Oat Straw remains in Bone Matrix™ for its bone-supportive nutrient content, and Protease and Phytase continue to provide amino acids and minerals, respectively, from the diet which are essential for healthy bone matrix development.

## **OLD FORMULA**

Amount Per Serving		% D'
Calcium (from Calcium Citrate)	114 mg	9%
Magnesium (from Magnesium Aspartate)	76 mg	18%
Manganese (from Manganese Citrate)	2 mg	87%
Synergistic Herbal Blend		
Horsetail (Equisetum arvense) (stem) Extract	50 mg	*
Oat Straw (Avena sativa) (aerial part) Extract	50 mg	*
Soy Isoflavones	10 mg	*
Therapeutic Enzyme Blend		
Protease	24,000 HUT	*
Phytase	50 FTU	*
Boron (from Boron Citrate)	500 mcg	*

## **NEW FORMULA**

Amount Per Serving		% DV
Vitamin D3 (as Cholecaciferol)	18 mcg	90%
Vitamin K2 (as Menaquinone-7)	60 mcg	50%
Calcium (from Calcium Citrate Malate)	140 mg	11%
Magnesium (from Magnesium Malate)	70 mg	17%
Zinc (from Zinc Citrate)	8 mg	73%
Copper (from Copper Gluconate)	800 mcg	89%
Manganese (from Manganese Citrate)	2.5 mg	109%
Synergistic Botanical Blend		
Genistein (from Japanese Pagoda (Sophora japonica) (fruit))	60 mg	**
Oat Straw (Avena sativa) (aerial part) Extract	50 mg	**
Therapeutic Enzyme Blend		
Phytase	50 FTU	**
Protease	24,000 HUT	**
Silica (from Bamboo (Bambusa vulgaris) (shoot) Extract)	12 mg	**
Boron (from Boron Citrate)	2 mg	**
**Daily Value (DV) not established.		
Other Ingredients: plant fiber, water.		

