Spectramin Chelate

Mineral/trace element formula

DESCRIPTION

Spectramin Chelate from Douglas Laboratories is a comprehensive mineral/trace element formula that contains well tolerated and highly absorbable chelated and complexed minerals. Spectramin Chelate is iron-free, making it an appropriate choice for those concerned about getting too much iron but who want to supplement with a full-spectrum of other minerals and trace elements.

FUNCTIONS

Minerals play a variety of essential roles throughout the body. Calcium is the principal mineral constituent of bone and is thus essential for healthy bone structure and function. Calcium also participates fundamentally in blood clotting, nerve conduction, and muscle contraction. Iodine is necessary for the synthesis of the thyroid hormones thyroxine and triiodothyronine. These thyroid hormones regulate the body's metabolic rate. Magnesium is involved in energy metabolism, and is notably important in the heart, skeletal muscles, and nervous system. Copper regulates iron metabolism and activates superoxide dismutase, a powerful endogenous antioxidant. Zinc is important for growth, immune system function, protein synthesis, antioxidant mechanisms, and wound healing. Chromium is required for normal blood sugar and lipid metabolism; it is an integral component of glucose tolerance factor (GTF). Manganese is essential for antioxidant systems in the body, bone growth, fat metabolism, and protein, nucleic acid, and cartilage synthesis. Molybdenum is involved in copper and iron transport, nucleic acid synthesis, and sulfur metabolism. Potassium is involved in normal muscle tone, nerve function, and many enzymes. Selenium is an essential cofactor of glutathione peroxidase, a potent antioxidant. Current research suggests that silicon may have an inhibitory effect on loss of bone mineral mass as well as a stimulatory effect on bone formation. Vanadium is active in lipid and glucose metabolism, while boron is involved in steroid hormone metabolism, cell membrane stability, and bone health.

INDICATIONS

Spectramin Chelate may be a useful dietary supplement for individuals who want to supplement their diet with a complete array of minerals and trace elements.

FORMULA (#7986)

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Calcium (Krebs†/Carbonate)	450 mg			
Iodine (Potassium Iodine)	150 mcg			
Magnesium (Krebs†/Oxide)	190 mg			
Copper (Krebs†)				
Zinc (Krebs†)				
Chromium GTF (Polynicotinate)	_			
Manganese (Krebs†)	30 mg			
Molybdenum (Krebs†)	50 mcg			
Potassium (Krebs†/Chloride)	99 mg			
Selenium (Krebs†)	200 mcg			
Silicon	2 mg			
Vanadium (Krebs†)	75 mcg			
Boron (Citrate)	100 mcg			
†Krebs=Citrate, Fumarate, Malate, Glutarate and Succinate Complex				

SUGGESTED USE

Adults take 3 tablets daily or as directed by a healthcare professional.

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SIDE EFFECTS

The nutrients in Spectramin Chelate are safe and generally well-tolerated. No adverse effects have been reported.

STORAGE

Store in a cool, dry place, away from direct light. Keep out of reach of children.

REFERENCES

Ahsan SK. Magnesium and cardiovascular diseases. J Indian Med Assoc 1997;95:185-8.

Anderson RA. Chromium in the prevention and control of diabetes. Diabetes Metab 2000;26:22-27.

Chan S, Gerson B, Subramaniam S. The role of copper, molybdenum, selenium, and zinc in nutrition and health. Clin Lab Med 1998;18:673-85.

Combs GF, Jr. Chemopreventive mechanisms of selenium. Med Klin 1999;94 Suppl 3:18-24.

Durlach J, Bac P, Durlach V, et al. Magnesium status and ageing: an update. Magnes Res 1998;11:25-42. Halperin ML, Kamel KS. Potassium. Lancet 1998;352:135-40.

Prasad AS. Zinc and immunity. Mol Cell Biochem 1998;188:63-9.

Preuss HG, Anderson RA. Chromium update: examining recent literature 1997-1998 [see comments]. Curr Opin Clin Nutr Metab Care 1998;1:509-12.

Reid IR. The roles of calcium and vitamin D in the prevention of osteoporosis. Endocrinol Metab Clin North Am 1998;27:389-98.

Rico H, Gallego-Lago JL, Hernandez ER, et al. Effect of silicon supplement on osteopenia induced by ovariectomy in rats. Calcif Tissue Int 2000;66:53-5.

Robinson BH. The role of manganese superoxide dismutase in health and disease. J Inherit Metab Dis 1998;21:598-603.

For more information on Spectramin Chelate visit douglaslabs.com

† These statements have not been evaluated by the Food and Drug Administration.

This product is not intended to diagnose, treat, cure, or prevent any disease.

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You trust Douglas Laboratories.
Your patients trust you.

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