**DESCRIPTION**

Meno-Support Formula™, provided by Douglas Laboratories, is a synergistic and comprehensive combination of vitamins, minerals, herbs, and other nutrients, carefully formulated and specifically designed to support a woman’s health through changes that may occur later in life.

**FUNCTIONS**

Meno-Support Formula™ contains not only the base formula of Douglas Laboratories’ Ultra Specific series that offers intensive support for the healthy functioning of the body in general, but also the Meno-Support Proprietary Blend providing compounds that work specifically to moderate unpleasant changes in the structure and function of a woman’s body that are affected by the hormonal variations during aging.

Black cohosh, an herb with a long history of use in Native American cultures for gynecological disorders, is currently seen as a natural way to normalize hormonal changes and moderate the uncomfortable symptoms that accompany menopause. Black cohosh works largely through the synergistic activity of two types of compounds: phytoestrogens and triterpenes. Phytoestrogens, a class of flavonoids with mild estrogenic activity in the body, appear to have normalizing effects on hormonal levels. In particular, black cohosh extract contains formononetin, an isoflavone phytoestrogen. Triterpene glycosides found in black cohosh extract act synergistically with formononetin to suppress excessive secretion of luteinizing hormone (LH). Sudden increases in LH secretion, which occur in response to declining estrogen levels, appear largely responsible for many problems, such as hot flashes, night sweats, insomnia, irritability, heart palpitations, and headaches. Additionally, the concerted activity of formononetin and triterpenes appears to aid in the regulation of estrogen balance. As with other estrogenic compounds, the active constituents in black cohosh extract may also have beneficial effects on the cardiovascular and skeletal systems of postmenopausal women. As such, black cohosh, as well as other herbs found in the proprietary blend offers a safe and natural method of balancing hormone levels and easing the uncomfortable problems women may encounter.

Ipriflavone, derived from naturally occurring isoflavones, promotes bone density by inhibiting bone resorption. Numerous studies of postmenopausal women and individuals whose bones are showing signs of demineralization have investigated the benefits of ipriflavone on bone health. Laboratory and clinical studies documented ipriflavone’s positive effect on bone density. Experts agree that ipriflavone appears to directly inhibit osteoclast activity, thereby decreasing bone resorption. Osteoclasts and osteoblasts are two primary types of bone cells. Osteoblasts, the more exterior cells, are responsible for bone mineralization. Osteoclasts, found beneath the osteoblasts, are responsible for bone resorption. When calcium levels in the blood drop, the osteoblasts change shape, allowing the osteoclasts to become exposed and release calcium from the bones to the rest of the body. Scientists suspect ipriflavone may also stimulate osteoblast activity. Since osteoblasts are responsible for laying down new bone, an increase in osteoblast activity would result in increased bone mineralization. This suggests ipriflavone may not only inhibit the breakdown of existing bone, but also encourage the formation of new bone.

In women, bone loss is generally accelerated following menopause. The decline in estrogen levels associated with menopause appears to put women at increased risk for declining bone density and osteoporosis. Ipriflavone, together with adequate calcium, vitamin D, vitamin K, and other key nutrients involved in bone health, offers non-estrogenic protection against excessive bone resorption. Unlike other well-known isoflavones, such as genistein found in soy foods, ipriflavone does not have estrogenic activity and can be safely used in conjunction with natural phytoestrogens or with HRT.
Meno-Support Formula™
Comprehensive Nutrition for Women

INDICATIONS
Meno-Support Formula™ tablets may be a useful dietary supplement for women who wish to support a healthy transition through menopause.

FORMULA (#84073)
Four Tablets Contain:
Vitamin A (Palmitate) ....... 5,000I.U.
Beta-Carotene ........... 15,000I.U.
Vitamin C (Ascorbic Acid) ...... 1,000mg
Vitamin D-3 ........... 50I.U.
Vitamin E (as Vitamin E Succinate) ........... 200I.U.
Vitamin K (as Phytonadione) ........... 50mcg
Thiamin (as Thiamin HCl) ........... 50mcg
Riboflavin .................. 25mg
Niacin/Niacinamide ........... 120mg
Vitamin B-6 (as Pyridoxine HCl/Pyridoxal-5-Phosphate Complex) ........... 25mg
Folic Acid .................. 800mcg
Vitamin B-12 (on Ion Exchange Resin) ........... 100mcg
Biotin .......................... 300mcg
Pantothenic Acid (as d-Calcium Pantothenate) ........... 150mcg
Calcium (from Calcium Citrate/Ascorbate Complex) ........... 500mg
Magnesium (from Magnesium Aspartate/Ascorbate Complex) ........... 400mg
Zinc (from Zinc Aspartate Complex) ........... 20mg
Selenium (Organic Selenium from Krebs† Cycle and Kelp) ........... 200mcg
Copper (from Copper Amino Acid Chelate) ........... 2mg
Manganese (from Manganese Aspartate Complex) ........... 15mg
Chromium (Organically bound with GTF activity-low allergenicity) ........... 200mcg
Molybdenum (from Molybdenum Krebs†) ........... 50mcg
Potassium (from Potassium Aspartate Complex) ........... 75mg
Choline (from Choline Citrate/Bitartrate) ........... 20mg
Inositol ...................... 25mg
Citrus Bioflavonoid Complex ........... 100mg
PABA (Para-Aminobenzoic Acid) ........... 50mg
Vanadium (from Vanadium Krebs†) ........... 25mg
Boron (from Boron Aspartate/Citrate Complex) ........... 3mg
Trace Elements (from Sea Vegetation) ........... 100mcg
Meno-Support Proprietary Blend ........... 500mg
Black Cohosh (standardized), Dong Quai, Kelp, Horsetail, Sage, Lemon Bioflavonoids and Ipriflavone
†Krebs=Citrate, Fumarate, Malate, Glutarate and Succinate Complex

SUGGESTED USE
Adults take 4 tablets daily or as directed by physician. This product is best taken with meals.

SIDE EFFECTS
No adverse side effects have been reported.

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


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For more information on Meno-Support Formula™ 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.