※ EndoAxis

Formula 7

FEMALE DEPLETE BLEND

Blended to support and optimize testosterone and estrogen balance.

AT A GLANCE

Low testosterone and low estrogen levels in women can lead to a variety of health issues, affecting both physical and emotional wellbeing. These hormonal imbalances can result from factors such as aging, certain medical conditions, some medications, stress, and lifestyle choices.

Women require estrogen for bone health, brain health, neurotransmitter balance and cardiovascular support, while testosterone can support dopamine levels, energy, motivation, libido, and metabolism. When levels of both these hormones are low, the overall vitality and well-being of our female clientele can decline.

Our formulation blends herbs and nutrients shown to support hormonal response and balance in women with low testosterone and low estrogen based on current scientific research.

Meet Harmonize

Blended with female hormone balance in mind, these products work to harmonize and support healthy hormone levels.





KEY BENEFITS



Improves the activity and receptor response to testosterone and estrogens in the body



Targets hormonal response both through ovarian and adrenal health



Works to improve vitality and longevity through hormone restoration

FORMULA ANALYSIS

Cimicifuga racemose

Cimicifuga racemose (Black Cohosh) has been used for centuries in Western herbal medicine for the alleviation and support of peri and postmenopausal hormonal changes, as well as for fertility support[1]. Numerous studies reveal the benefits of Black Cohosh, including alleviation of hot flashes[2], bone enhancing benefit, and mood supporting aspects of the herb. Preliminary clinical evidence suggests that black cohosh might increase osteoblast activity, seen within just 12 weeks of treatment[3].

Several additional studies reveal that black cohosh might act as a partial agonist at serotonin, opioid and dopamine receptors including 5HT-1A, 5HT-1D, mu opiate receptors and DRD2[4][5]. This effect could play a role in reducing menopausal symptoms, while also supporting mood and sleep regulation.

Trigonella foenum-graecum

Trigonella foenum-graecum (Fenugreek) has been used in traditional herbal medicine for centuries to treat concerns such as low libido, fatigue, mood changes and impaired muscle mass. It contains active saponins, namely fenugreekogenin, diosgenin and protodioscin, which have been suggested to influence hormone levels and potentially impact testosterone production and hormone balance in menstruating women[6], while also reducing menopausal symptoms in healthy postmenopausal women.[7] There have even been studies demonstrating improvement in bone mineral density between subjects using Fenugreek and controls.[8]

Rosmarinus officinalis

Rosmarinus officinalis (Rosemary) is rich in polyphenolic compounds, including rosmarinic acid and carnosic acid, which have been shown to reduce oxidative stress and protect cells from damage caused by free radicals[9], lending itself as a valuable ingredient for hormone regulation and support. Rosemary has been shown to enhance cognitive function and memory through the inhibition of acetylcholinesterase[10], which can be of particular interest when hormones are declining. The ursolic acid in rosemary has been linked to mood-regulating effects and anxiolytic properties[11], providing a natural support to mitigating low mood, anxiety and insomnia as it relates to hormonal shifts.

Leonurus cardiaca

Leonurus cardiaca (Motherwort) has traditionally been used for conditions related to heart health, including high blood pressure and arrhythmia regulation. However, more recent review on the constituents of Motherwort reveals it's very important role in female hormone imbalance. The aerial parts contain phenylpropanoids, flavonoids and phenolic acids in addition to sterols and tannins that can influence the nervous system, digestive disorders, skin inflammation, and even climacteric symptoms and amenorrhea[12]. The mechanisms underlying motherwort's effects on female hormone imbalance are multifaceted. It is proposed to influence hormonal balance through interactions with the hypothalamic-pituitary-adrenal (HPA) axis, which regulates stress responses and hormone secretion. Motherwort's potential to modulate stress-related hormone levels could indirectly impact reproductive hormone balance.[13]

SUPPLEMENT FACTS

Serving Size 2 Capsules Servings Per Container 60

8	Servings Per Container 60		
No.	Amount Per Serving % Daily Value		
	Vitamin A (as beta carotene) 20	mcg RAE	2%
	(from Mixed-Carotene blend)	-	
	Vitamin C (as ascorbic acid)	150 mg	167%
	Vitamin E (as d-alpha tocopheryl succinat	te) 10 mg	67%
	Vitamin B ₆ (as pyridoxal 5-phosphate)	10 mg	588%
	Vitamin B ₁₂ (as hydroxocobalamin)	125 mcg	5213%
	Calcium (as calcium citrate tetrahydrate)	15.8 mg	1%
	Magnesium (as 50% magnesium	13.1 mg	3%
	glycinate and 50% magnesium malate)		
	Zinc (as zinc picolinate)	0.5 mg	5%
	Organic Gelatinized Maca (Lepidium	250 mg	†
	peruvianum chacon) (root) powder		
	Tribulus (<i>Tribulus terrestris</i>) (fruit) extract	100 mg	+
S C	(std. to 40% saponins)		
Ş	Milk Thistle (Silybum marianum) (seed)	100 mg	†
	extract 80%		
1860	Black Cohosh (Cimicifuga racemosa)	37.5 mg	†
	(whole plant) extract 4:1		
	Chastetree (Vitex agnus-castus) (fruit)	25 mg	†
	extract (0.5% agnuside)		
	Shatavari (Asparagus racemosus) (root)	15 mg	+
Š	extract (20% saponins) 10:1		
	Rosemary (Rosmarinus officinalis) (leaf)	12 mg	†
	extract (NLT 8% Carnosic Acid, NLT 0.5%		
	Carnosol and NLT 2.5% Rosmarinc Acid)		
	Chinese Thoroughwax (Bupleurum	10 mg	†
	chinense) (root) extract 5:1		
	Fenugreek (Trigonella foenum-graecum)	10 mg	†
	(seed) extract [50% Saponins with UV] 20	:1	
5	Motherwort (Leonurus cardiaca) (whole	10 mg	†
	herb) extract 10:1		
	Alfalfa (Medicago sativa) (leaves and stem	n) 5 mg	†
	extract 10:1		
Š	Mixed-Carotene (from palm fruit (<i>Elaeis</i>	2 mg	+
	guineensis))		
	Alpha-Carotene	0.02 mg	†
	Gamma-Carotene	0.2 mcg	†
	Lycopene	0.06 mcg	†
Strong	† Daily Value not established		

Other ingredients: Vegetable capsule (hypromellose), microcrystalline cellulose, and magnesium stearate.

SUGGESTED USE

Take 2 capsules 2 times a day with a meal or as directed by your healthcare practitioner.

CAUTION: Do not use if pregnant or nursing. Consult your physician before use if you have a medical condition, or taking any medication. Do not use product if the safety seal is broken or damaged. Keep out of reach of children.

MADE WITHOUT

Wheat, gluten, corn, yeast, animal or dairy products, fish, shellfish, peanuts, tree nuts, egg, artificial colors, artificial sweeteners, or preservatives.

REFERENCES

- 1. Shahin AY, Mohammed SA. Adding the phytoestrogen Cimicifugae Racemosae to clomiphene induction cycles with timed intercourse in polycystic ovary syndrome improves cycle outcomes and pregnancy rates a randomized trial. Gynecol Endocrinol. 2014 Jul;30(7):505-10.
- 2. Mehrpooya M, Rabiee S, Larki-Harchegani A, Fallahian AM, Moradi A, Ataei S, Javad MT. A comparative study on the effect of "black cohosh" and "evening primrose oil" on menopausal hot flashes. J Educ Health Promot. 2018 Mar 1;7:36
- 3. Wuttke W, Gorkow C, Seidlová-Wuttke D. Effects of black cohosh (Cimicifuga racemosa) on bone turnover, vaginal mucosa, and various blood parameters in postmenopausal women: a double-blind, placebo-controlled, and conjugated estrogens-controlled study. Menopause. 2006 Mar-Apr;13(2):185-96
- 4. Shahmohammadi A, Ramezanpour N, Mahdavi Siuki M, Dizavandi F, Ghazanfarpour M, Rahmani Y, Tahajjodi R, Babakhanian M. The efficacy of herbal medicines on anxiety and depression in peri- and postmenopausal women: A systematic review and meta-analysis. Post Reprod Health. 2019 Sep;25(3):131-141.
- 5. Rhyu, M. R., Lu, J., Webster, D. E., Fabricant, D. S., Farnsworth, N. R., and Wang, Z. J. Black cohosh (Actaea racemosa, Cimicifuga racemosa) behaves as a mixed competitive ligand and partial agonist at the human mu opiate receptor. J Agric.Food Chem 12-27-2006;54(26):9852-9857.
- 6. Rao A, Steels E, Beccaria G, Inder WJ, Vitetta L. Influence of a Specialized Trigonella foenum-graecum Seed Extract (Libifem), on Testosterone, Estradiol and Sexual Function in Healthy Menstruating Women, a Randomised Placebo Controlled Study. Phytother Res. 2015 Aug;29(8):1123-30.
- 7. Steels E, Steele ML, Harold M, Coulson S. Efficacy of a Proprietary Trigonella foenum-graecum L. De-Husked Seed Extract in Reducing Menopausal Symptoms in Otherwise Healthy Women: A Double-Blind, Randomized, Placebo-Controlled Study. Phytother Res. 2017 Sep;31(9):1316-1322.
- 8. Abo El-Nasr, Nesma Mohammed Esmat, et al. "Osteo-protective effect of Curcumin; Fenugreek and their combination on ovariectomized female rats". Egyptian Journal of Veterinary Sciences 49.1 (2018): 1-12.
- 9. Gonzalez-Vallinas, M., Reglero, G., & de Molina, A. R. (2015). Rosemary (Rosmarinus officinalis L.) Extract as a Potential Complementary Agent in Anticancer Therapy. Nutrients, 7(5), 3564-3591.
- 10. Moss, M., Cook, J., Wesnes, K., & Duckett, P. (2003). Aromas of rosemary and lavender essential oils differentially affect cognition and mood in healthy adults. International Journal of Neuroscience, 113(1), 15-38.
- 11. Li T, Wang W, Guo Q, Li J, Tang T, Wang Y, Liu D, Yang K, Li J, Deng K, Wang F, Li H, Wu Z, Guo J, Guo D, Shi Y, Zou J, Sun J, Zhang X, Yang M. Rosemary (Rosmarinus officinalis L.) hydrosol based on serotonergic synapse for insomnia. J Ethnopharmacol. 2024 Jan 10;318(Pt B):116984.
- 12. Wojtyniak K, Szymański M, Matławska I. Leonurus cardiaca L. (motherwort): a review of its phytochemistry and pharmacology. Phytother Res. 2013 12 Aug;27(8):1115-20.
- 13. Miao LL, Zhou QM, Peng C, Liu ZH, Xiong L. Leonurus japonicus (Chinese motherwort), an excellent traditional medicine for obstetrical and gynecological diseases: A comprehensive overview. Biomed Pharmacother. 2019 Sep 11.

*These statements have not been evaluated by the Food & Drug Administration. These products are not intended to diagnose, treat, cure, or prevent any disease.