



PRODUCT DATA SHEET



ADVANCED CLINICAL TESTOSTERONE SUPPORT†



Size: 120 Capsules | Serving Size: 2 Capsules | Servings Per Container: 60

MTX was formulated to provide men with maximum testosterone support. MTX's innovative and evidence-based formula is driven by the premier patented ingredient Mytosterone®. Mytosterone® has been shown in published rigorous clinical studies to significantly increase testosterone levels in healthy men. MTX delivers clinically validated doses of Mytosterone® along with powerful synergistic ingredients including D-Aspartic Acid, BioPerine® and Boron to get the results you expect from a top-shelf MMSN product.†

A normal process of male aging is the slow and progressive decline in testosterone levels, primarily due to decreased production within the body. This physiological phenomenon generally begins in the late third or early fourth decade of life. Low testosterone levels in males is a major risk factor for numerous physiological, metabolic and mental health conditions. Additionally, low testosterone levels in males can play a significant role in weight management and athletic performance.

MTX delivers the full clinically validated dose of Mytosterone® per daily serving. Mytosterone® is a patented and branded premier ingredient proven in published rigorously conducted clinical trials to significantly increase serum testosterone (T), decrease levels of dihydrotestosterone (DHT) and estradiol levels in healthy males. Mytosterone® is so effective that clinical results were seen in as little as 3 days! In terms of mechanism, Mytosterone® has also been reported to inhibit the enzyme 5-alpha reductase (5AR) and aromatase (AER), the two major enzymes that regulate serum T increases and concomitant decreases in DHT resulting in anti-aromatase mechanisms.†

D-Aspartic Acid (DAA) is a physiological amino acid occurring principally in the pituitary gland, neuroendocrine tissues and the male testes. D-Aspartic Acid is a different form the proteinogenic amino acid, L-Aspartic Acid that serves as the building block of proteins. D-Aspartic Acid has been shown in published clinical studies to support androgenic hormones. In terms of genetic and molecular regulation, DAA induces steroidogenic gene expression by increasing StAR mRNA, P450 aromatase and 5-alphaRed2mRNA expression.†

BioPerine® is a patented standardized fruit extract of black pepper (*Piper nigrum* L) and contains 95% piperine. This ingredient has been extensively reviewed in the scientific literature for its clinical significance to optimize the intestinal absorption, bioavailability and effectiveness of nutrients. Additionally, BioPerine® enhances the body's natural thermogenic activity.†

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YOUR ASSURANCE OF QUALITY®

KEY FEATURES

- Provides Clinically Validated Doses of Mytosterone®
- Promotes Significant Increases in Testosterone Levels†
- Supports Reductions in Serum Dihydrotestosterone (DHT)†
- Results Within 3 Days†

KEY MESSAGES

- Formulated to provide men with maximum testosterone support. MTX delivers clinically validated doses of Mytosterone® along with powerful synergistic ingredients including D-Aspartic Acid, BioPerine® and Boron.†
- Low testosterone levels in males is a major risk factor for numerous physiological, metabolic and mental health conditions.
- Mytosterone® is a patented and branded premier ingredient proven in published rigorously conducted clinical trials to significantly increase serum testosterone (T), decrease levels of dihydrotestosterone (DHT) and estradiol levels in healthy males.†
- D-Aspartic Acid (DAA) is a physiological amino acid occurring principally in the pituitary gland, neuroendocrine tissues and the male testes. D-Aspartic Acid has been shown in published clinical studies to support androgenic hormones.†
- BioPerine® (Black pepper (*Piper nigrum* L), contains 95% piperine) has been extensively reviewed in the scientific literature for its clinical significance to optimize the intestinal absorption, bioavailability and effectiveness of nutrients.†
- Boron Citrate is the preferred chelate form for maximum bioavailability on MTX's ingredients. Boron supplementation significantly increases serum testosterone and decreases plasma estradiol levels in healthy males.†

† 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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Supplement Facts

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| | Amount Per Serving | %DV* |
|---|--------------------|------|
| MTX Proprietary Blend: | 940 mg | ** |
| Mytosterone® (Patented Matrix Supplying: Saw Palmetto Berry Extract (<i>Serenoa repens</i>) and Astaxanthin Extract (<i>Haematococcus pluvialis</i>) [Whole Plant]), D-Aspartic Acid (DAA), BioPerine® (Black Pepper Fruit Extract, <i>Piper nigrum</i> L), Boron Citrate | | |

*Percent Daily Values are based on a 2000 calorie diet.

**Daily value not established.

Directions: As a dietary supplement, take two (2) capsules in the morning and two (2) capsules in the evening. Take with a full glass of water on an empty stomach.

Other Ingredients: Magnesium Stearate, Rice Powder, Gelatin Capsule.

ALLERGY INFORMATION: Manufactured in a cGMP facility that processes milk, egg, fish, Crustacean shellfish, tree nuts, wheat and soybeans.

Mytosterone® is a Registered Trademark and Patented Product of Triarco Industries and is protected by U.S. Patent No. 6,227,417.

BioPerine® is a Registered Trademark and Patented Product of Sabinsa, Inc.

WARNING: Consult a physician before starting any diet and exercise program and before using this product. This product is only intended to be taken by healthy adult males, 21 years of age and older. Not intended for women. Do not take this product if you have prostate hypertrophy, liver disease, kidney or heart disease. Discontinue use and call a physician or licensed qualified health care professional immediately if you experience unexpected side effects. If taking prescription medications, consult a licensed healthcare practitioner prior to use.

KEEP OUT OF REACH OF CHILDREN.

STORE IN A COOL, DRY PLACE AWAY FROM MOISTURE AND SUNLIGHT. ALWAYS KEEP TIGHTLY SEALED.

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Boron possesses widespread beneficial properties in biochemistry and human nutrition.

MTX contains Boron Citrate as the preferred chelate form for maximum bioavailability. Published studies have shown that Boron supplementation significantly increases serum testosterone and decreases plasma estradiol levels in healthy males. Additionally, Boron significantly decreases sex hormone binding globulin (SHBG) resulting in greater increases in testosterone levels in the blood. Boron also possesses a health inflammatory response by decreasing high sensitive CRP (hsCRP) and TNF-alpha levels.†

MTX is a natural dietary supplement providing clinically proven ingredients to support testosterone levels in health males. **MTX** delivers clinically validated doses of Mytosterone® along with powerful synergistic ingredients including D-Aspartic Acid, BioPerine® and Boron Citrate delivering the results you expect from an elite MMSN product in as little as 3 days.†

TARGET MARKET

Primary: Male athletes seeking to optimize testosterone levels to maximize muscle growth, strength, and recovery.

Secondary: Males seeking a safe and effective formula to address the age-related declines in testosterone levels.

RECOMMENDED STACK

- **2TX** – Supercharged hormone support by stacking MTX with 2TX. Both products provide different patented ingredients and, when combined, will optimize testosterone levels by multiple physiological pathways.
- **Max ZMA**

KEY REFERENCES

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2. Feldman HA, Longcope C, Derby CA, et al. Age trends in the level of serum testosterone and other hormones in middle-aged men: longitudinal results from the Massachusetts male aging study. *J Clin Endocrinol Metab.* 2002;87:589-98.
3. Angwafor F 3rd, Anderson ML. An open label, dose response study to determine the effect of a dietary supplement on dihydrotestosterone, testosterone and estradiol levels in healthy males. *J Int Soc Sports Nutr.* 2008 Aug 12;5:12.
4. Topo E, Soricelli A, D'Aniello A, Ronsini S, D'Aniello G. The role and molecular mechanism of D-aspartic acid in the release and synthesis of LH and testosterone in humans and rats. *Reprod Biol Endocrinol.* 2009 Oct 27;7:120.
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6. D'Aniello A, Di Cosmo A, Di Cristo C, Annunziato L, Petrucelli L, Fisher G. Involvement of D-aspartic acid in the synthesis of testosterone in rat testes. *Life Sci.* 1996;59:97-104.
7. Naghii MR, Mofid M, Asgari AR, Hedayati M, Daneshpour MS. Comparative effects of daily and weekly boron supplementation on plasma steroid hormones and proinflammatory cytokines. *J Trace Elem Med Biol.* 2011 Jan;25:54-8.
8. Han HK. The effects of black pepper on the intestinal absorption and hepatic metabolism of drugs. *Expert Opin Drug Metab Toxicol.* 2011 Jun;7:721-9.
9. Srinivasan K. Black pepper and its pungent principle-piperine: a review of diverse physiological effects. *Crit Rev Food Sci Nutr.* 2007;47:735-48.

Suggested Cycle:

- Min. Cycle:** Continuous use for 6 weeks
- Max. Cycle:** Continuous use for 12 weeks
- Off Cycle:** Non-use for 4 weeks

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