



**Furosap**

**Maintain Healthy Testosterone Levels\***



**Furosap**

## Simply a Better Source

### Consistent Concentration, Derived from Fenugreek

#### The Male Health Market

Healthy testosterone levels influence a broad range of men's health goals, from maintaining healthy sexual function to supporting optimal athletic performance. The maintenance of healthy sexual function is a top health goal for at least 18 million men in the U.S. alone.<sup>1</sup> Meanwhile, the global market for body-building support is over \$90 billion.<sup>2</sup> Natural supplements are a sought-after alternative for reaching such goals.\*

#### The Protodioscin Challenge:

Protodioscin is known to promote healthy testosterone levels. It has also been found to support healthy athletic performance, as well as balanced energy and mood. These effects are connected to protodioscin's activities in both hormonal and circulatory systems.\*

Unfortunately, many protodioscin sources demonstrate unpredictable quality and concentrations, which leads to unpredictable effects. Addressing that challenge, Cepham developed Furosap™— a patent-protected protodioscin isolated from fenugreek seeds (*Trigonella foenum-graecum*).

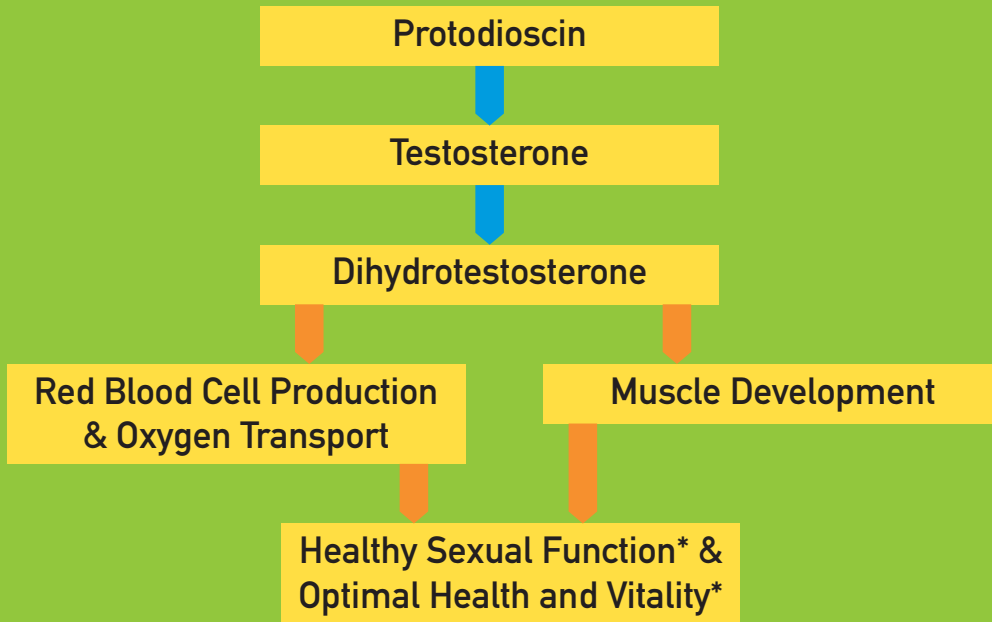
Unlike other sources that tend to be “wild-crafted” and result in unpredictable ingredient quality, our fenugreek is grown on pesticide-free farms (as tested by USP35<561>) with strict monitoring throughout growing, harvesting, and processing. Further enriched with 20% protodioscin, Furosap™ provides consistent and reliable content at an affordable price point.\* Our closest competitor provides less than 6%.



\*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.

\*This material is for professional education only. Not for consumer distribution.

# How Protodioscin Science Works



## Hormonal and Circulatory Effects:

Furosap™ contains protodioscin (20%), which has been found to promote healthy testosterone levels through its effects on testosterone-dihydrotestosterone conversion. It appears to promote healthy production of luteinizing hormone (LH). Protodioscin delivers its hormonal effects in a balanced (not over-active) fashion.\*

Protodioscin also promotes healthy red blood cell production, which ultimately supports healthy oxygen delivery throughout the body. This combination of hormonal and circulatory effects results in support for both healthy sexual function and optimal athletic endurance.\*

## Furosap™ is enriched with 20% protodioscin.



## Men's Health Applications

Furosap™ Protodioscin is versatile in men's health blends. It is also increasingly sought-after as a single ingredient product. Furosap™ is water-soluble; it works well in liquid preparations, as well as capsules and tablets.

**Sexual Health Supplements** – Maintain healthy sexual function and libido and promote healthy testosterone levels (clinical study presentation pending)\*

**Vitality Formulas** – Help maintain overall energy and vitality\*

**Sports Nutrition Blends & Beverages** – Promote optimal athletic performance and recovery through promoting healthy oxygen delivery\*

**Muscle Building Formulas** – Support healthy muscle development\*



## Furosap™ Overview

Patent-protected Furosap™ provides a high-quality, consistent concentration protodioscin (20%). The recommended dosage is 500 mg/day. It is ideal for a variety of men's health goals:

- Promote healthy sexual function\*
- Maintain overall energy and vitality\*
- Promote optimal athletic performance\*
- Support healthy muscle development\*

## Ingredient Summary:

Furosap™ is a fenugreek extract containing 20% protodioscins (by HPLC). Complete HPLC chromatograms and manufacturing specifications are available on request.

- Patent-protected process (#US8754205)
- Water soluble – Optimal bioavailability and manufacturing versatility
- Pesticide-free herbal ingredient
- Manufactured in NSF-GMP certified plant
- Certified Kosher

## References

Basch E, Ulbricht C, Kuo G, Szapary P, Smith M. Therapeutic applications of fenugreek. *Altern Med Rev* 8(1): 20-7, 2003.

Ikeuchi M, Yamaguchi K, Koyama T, Sono Y, Yazawa K. Effects of fenugreek seeds (*Trigonella foenum graecum*) extract on endurance capacity in mice. *J Nutr Sci Vitaminol (Tokyo)* 52(4): 287-92, 2006.

Mehrafarin A et. al. Bioengineering of Important Secondary Metabolites and Metabolic Pathways in Fenugreek. *Journal of Medicinal Plants*, 9(35): 1-18, Summer 2010.

Toshiyuki Murakami, Akinobu Kishi, Hisashi Matsuda, and Masayuki Yoshikawa. Medicinal Foodstuffs. XVII.1) Fenugreek Seed. *Chem Pharm Bull* 48(7): 994—1000, 2000.

Viktorof I., Bozadjieva E., Protich M., et al. Pharmacological, pharmacokinetic, toxicological and clinical studies on protodioscin. *IIMS Therapeutic Focus* 2: 213-323, 1994.

# Furosap

**Furosap™ was selected for presentation at Experimental Biology 2016 in San Diego: "Efficacy of Furosap, a novel *Trigonella foenum-graecum* seed extract, in Enhancing Healthy Testosterone Level and Improving Sperm Profile in Male." This presentation is under consideration for other events in 2016.**

## About Cepharm

Cepharm is an NSF and GMP certified manufacturer of fine herbal ingredients. We draw upon our background in the medical research industry to find the most bioactive compounds in herbal medicine. We have offices in both the U.S. and India, and our ethnobotanists travel the globe looking for the most promising and efficacious herbal solutions for human health goals. Our quality control team monitors every step in our manufacturing processes to ensure full compliance with all GMPs and regulations in Europe, North America, and Asia. We also make it our goal to obtain NSF certification for our products, as well as USDA Organic Certifications and Kosher Certifications when applicable. We're committed to upholding the highest standards for purity, safety, and efficacy.



Cepharm Inc.  
142 Belmont Drive, Unit 14, Somerset, NJ 08873  
Tel: 201 255 6011 Fax: 201 255 6012  
info@cepharm.com  
www.cepharm.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.

\*This material is for professional education only. Not for consumer distribution.