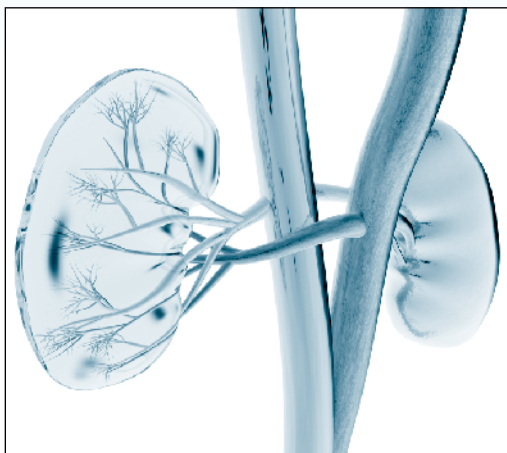


D-MANNOSE

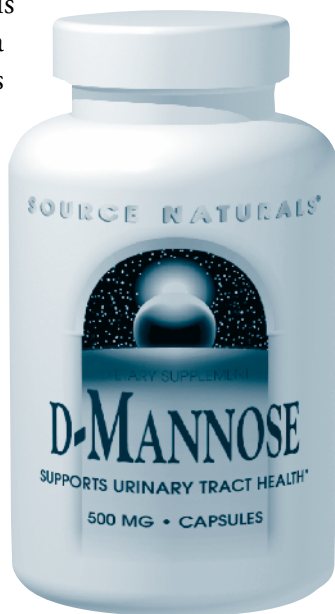
Supports Urinary Tract Health



One out of five women will experience a urinary tract imbalance at some point in her life. For generations, many women have supported their urinary health by drinking cranberry juice. But recently, many have questioned cranberry's efficacy, its acidity, and its calories from fructose.

The solution is D-mannose, a natural compound found in cranberries and other plants. It is a natural plant sugar, one of the active components of those plants that provide support for the entire urinary tract: the urethra, bladder, ureter, renal pelvis and the renal parenchyma. D-mannose is a monosaccharide hexose sugar. It supports the tissues of the urinary tract, the bladder and the body's natural mechanisms of urinary tract health, including self cleansing. Because this simple sugar works mechanically and does not get absorbed into the bloodstream, it has little effect on blood sugar, weight gain, or cellular structures.

Source Naturals is pleased to present you with D-MANNOSE, a natural, efficient support for urinary tract health.



Strategies for Wellness SM

Tart, red cranberries were esteemed by Native Americans for their nutritional value. They combined them with dried meat and fats into pemmican cakes. The cranberry was introduced to the early colonists who loved the refreshing taste of the New World fruit, but added sugar to cranberry puddings and tarts to eliminate the sourness of the fruit. In the 1880s, German scientists recognized the cranberry for its specific benefits to the urinary tract.

Even with this long history of use, many people do not like the acidity of cranberry juice, nor the calories that are consumed. Now, however, scientists have separated one of the active constituents of cranberry juice, D-mannose, for an effective, powerful support for urinary tract health. Like cranberry juice, D-mannose complements the body's natural cleansing process.

D-mannose does not destroy the healthy flora of the urinary tract. The healthy bacteria of our digestive and urinary systems are important aspects of health. Natural measures like D-mannose support the urinary tract in its self-cleansing actions.

Benefits of D-Mannose

D-mannose is a simple sugar that is absorbed in the upper digestive tract. Since it is absorbed rapidly in the upper GI, the pancreas does not detect it as a sugar that needs to be regulated with insulin in order to enter the bloodstream. Unlike other sugars, it has no effect on blood sugar levels, glycemic index, or weight gain. Unlike other

gastro-intestinal remedies, it is not habit forming.

Cranberries and cranberry juice, on the other hand, contain some D-mannose but they also contain fructose. Fructose is a sugar that is digested and enters the bloodstream. Unlike D-mannose, fructose does indeed affect blood sugar levels and weight gain. With juice, not only are blood sugar levels raised and unnecessary calories consumed, but many people are also sensitive to the acidity of the juice.

D-MANNOSE provides the best aspects of the cranberry—support for urinary tract health with no impact on the friendly flora—with the benefits of modern science. The natural extract does not affect blood sugar levels or weight gain and it is safe for long term use.

Source Naturals is pleased to present you with this natural, safe, effective tool for urinary tract health.

References

Sharon, N and Ofek, I. (2000) "Safe as Mother's Milk: Carbohydrates as future anti-adhesion drugs for bacterial diseases" *Glycoconjugate Journal*. Vol. 11 (2): 97-102.

Shaeffer, et al. (1980) "Effect of Carbohydrates on Adherence of *E. Coli* to Human Urinary Tract Epithelial Cells" *Infection and Immunity*: 30 (2): 531-537.

Manges, AR, et al. (2001) "Widespread Distribution of Urinary Tract Infections Caused by a Multi-drug Resistant *Escherichia coli* Clonal Group" *New England Journal of Medicine*. 345 (14) 1007-1013.



Strategies for WellnessSM

www.sourcenaturals.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.

