

CRANBERRY

Cranberry is a dietary supplement to support urinary tract functions.*

Cranberry contains Malic, Citric and Quinic Acids which are the active ingredients that acidify the urine and keep unwanted material from adhering to the cells that line the bladder wall.* These acids also act as antiseptics to promote thorough cleansing of the urinary tract.*

About Urinary Tract Infections (UTIs)

- 80% of all women will experience a UTI in their lifetime and approximately 20% of women will have one each year. In the US alone, 9.6 million doctor visits per year are attributed to UTIs and they are the second leading cause of lost work days for women.
- UTIs also occur in men and may be a sign of serious underlying conditions such as problems with the prostate gland. Many conditions affecting the kidneys, bladder, or urethra are described as urinary tract infections, and most UTIs are concentrated in the bladder and urethra.
- An infection can develop when bacteria enter the urethra (the tube that carries urine out of the body) and travel up into the bladder. Over 90% of UTIs are caused by the bacteria *Escherichia coli* (*E. coli*), which is present in the colon and rectal area.

Factors that increase urinary tract complications are:

- **Pregnancy**- the growing baby presses on the bladder which may prevent it from completely emptying.
- **Sexual Activity**- bacteria can be pushed from the rectal area toward the vagina and can then enter the urethra and ascend into the bladder.
- **Use of a diaphragm**- if not fitted properly, diaphragms can cause pressure on the bladder and increase the chance for challenges.
- **Menopause**- the decline in estrogen levels leads to thinning of the urinary tract, making it easier for bacteria to break through.
- **Incontinence**- the bladder does not completely empty which increases the susceptibility to challenges.
- **Structural abnormality**- because it can restrict the free flow of urine.
- **Suppressed immune system**- it affects the body's ability to fight off invading bacteria.
- **Enlarged prostate**- it puts pressure on the urethra and the bladder opening preventing complete emptying of the bladder and may result in challenges.

About Cranberries

- For centuries, cranberry has been a popular folk remedy for urinary health. Research suggests that its benefits may be due to its ability to acidify the urine.*

- A study performed on mice and published in the Journal of Urology demonstrated that cranberry inhibited the adherence of *Escherichia coli* to the epithelial cells in urinary tracts by 80%. *E. coli* is the primary cause of urinary infections. Similar activity was found in human subjects as well.*
- Research published in the New England Journal of Medicine has identified that certain compounds in cranberry, namely the condensed tannins or flavonoids (proanthocyanadins), are responsible for the anti-adherence effect.*
- Several clinical studies have found cranberry juice beneficial in promoting urinary tract health. The amount of juice required is 10 to 20 ounces per day and it may contain a fair amount of sugar and calories.

Cranberry from DaVinci[®] Laboratories provides a convenient way to get a concentrated extract that can give you all of the benefits of the berry.

Suggested Use: As a dietary supplement, take 1 capsule, 1 to 3 times daily between meals, or as directed by your healthcare practitioner.

Supplement Facts

Serving Size 1 Capsule
Servings Per Container 60

Amount Per Serving	% Daily Value
Cranberry (<i>Vaccinium macrocarpon</i>)	
Fruit Juice Powder (90% solids) 400 mg	*
yielding Organic Acids (Including Quinic Acid, Citric Acid, Malic Acid) 120 mg	
*Daily Value not established.	

Other ingredients: hypromellose (capsule), microcrystalline cellulose, vegetarian leucine, silica.

Warning: If pregnant or nursing, consult your healthcare practitioner before taking this product.

VEGETARIAN / GLUTEN FREE

*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.

© 2023, DaVinci[®] Laboratories. All rights reserved. DaVinci[®] is a registered trademark of FoodScience[®] LLC in the United States and other countries.

WEB: www.davincilabs.com **E-MAIL:** info@davincilabs.com **PHONE:** 1-800-325-1776 **FAX:** 1-802-878-0549

0200720.060
0323