

# **UT STRENGTH** >>> N-Acetyl-Glucosamine, Cranberry and Probiotics for daily urinary tract support

**UT Strength** has been formulated to support urinary tract health and can be used long term with those animals who are predisposed to UT issues and crystals.

#### Ingredients of interest:

D-Mannose is a natural occurring simple sugar that removes "bad" bacteria by attaching to harmful bacteria and eliminating it. It's absorbed eight times slower than glucose and, when ingested, is not converted to glycogen or stored in the liver but, rather, goes directly into the blood stream from the kidneys to the bladder. Antibiotic treatment may cause an imbalance in the normal flora, while Mannose supports the displacement of harmful bacteria.

N-Acetyl Glucosamine or NAG is an important form of glucosamine found in the body. It is the form that is used for the production of glycoproteins. The glycoprotein layer in the mucosal lining of the urinary tract has a high content of NAG. This layer of mucosal cells is the protective barrier against acids and bacteria, and it is replaced every 3-4 days. Due to this high cell turnover rate, the GI tract requires increased amounts of NAG to support

structural integrity and functionality.

Ganeden**BC**<sup>30®</sup> (*Bacillus coagulans* GBI-30, 6086) is a gram-positive, spore-forming, lactic acid producing strain of *Bacillus coagulans*. It is covered by 13 domestic and numerous international patents with others pending. Research has demonstrated its ability to:

- » Maintain proper biodiversity (variety of all the strains) in the small and large bowel
- » Improve digestion by producing a wide spectrum of enzymes
- » Utilize undigested carbohydrates and lipids in the small bowel
- » Help regulate gut-associated cytokine activity

Cranberry Extract helps to acidify urine. It naturally contains proanthocyanidins or PCOs that neutralize free radicals and prevent the adherence of pathogenic bacteria to the cells that line the bladder and urinary tract. Cranberry has also been used as a urine deodorizer as it decreases the strong smell of ammonia.

## UT STRENGTH FELINE

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#### **PRODUCT DETAILS:**

UT Strength Feline is recommended to support a healthy urinary tract.

#### **DIRECTIONS FOR USE:**

Cats: Give 1 chew, 2 times daily.

### **ACTIVE INGREDIENTS PER CHEW:**

D-Mannose         100 mg           N-Acetyl-Glucosamine         100 mg           (Shrimp and Crab)
Cranberry Extract         50 mg           Bromelain         50 mg           Corn Silk         30 mg
Ganeden <b>BC</b> <sup>30®</sup> <b>50 million CFU</b> ( <i>Bacillus coagulans</i> GBI-30, 6086)

Inactive Ingredients: brewers yeast, calcium sulfate, citric acid, glycerin, hydrolyzed chicken liver flavor, maltodextrin, mixed tocopherols, propionic acid, rosemary extract, safflower oil, silicon dioxide, sodium alginate, soy lecithin, vegetable oil.





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