

# VETRI LIVER FELINE »

Whey Protein Isolate, Milk Thistle, DMG, and a synergistic blend of ingredients for advanced liver support

**Vetri Liver Feline** is a comprehensive formula designed to support liver function, normal detoxification, fat metabolism, bile production, and methylation reactions.

#### About the Nutrients:

- » Arginine is an essential amino acid that supports normal detoxification of ammonia. Diets deficient in arginine, along with other amino acids, predispose cats to hyperammonemia. Arginine is also involved in the formation of nitric acid, which is used by the body to help regulate blood pressure.
- » Artichoke (*Cynara scolymus*) leaf extract has been shown to support normal liver detoxification and normalize liver metabolism. It contains cynarin, a compound that promotes the production of bile. It also has antioxidant qualities.
- » Betaine is a lipotropic (fat metabolizer) agent that promotes healthy fat metabolism in the liver and supports the production of SAME, which is an important co-factor for liver function and for transmethylation reactions.
- » Choline is a lipotropic agent that is important for the processing of fats and regulation of the gall bladder. A deficiency may result in fatty buildup in the liver.
- » Carnitine is necessary for the transport of fatty acids into hepatic mitochondria for oxidation. It is speculated that a relative deficiency may contribute to hepatic lipidosis in cats.
- » DMG (Dimethylglycine) provides useful building blocks or methyl groups that support the production of SAME and glutathione. It also supports the immune system and aids in normal detoxification.
- » Folic Acid supports methylation pathways and is required for the phase one detoxification pathway in the liver and for cell repair and division.

- » Whey Protein Isolate supports the production of glutathione and normal detoxification of the liver.
- » Milk Thistle supports glutathione levels and normal liver detoxification.
- » Taurine is an essential amino acid for cats and is required for normal bile acid metabolism. It is used for bile acid conjugation. Prolonged anorexia can decrease taurine levels in cats.
- » Turmeric supports liver and gall bladder function by stimulating the flow of bile and provides antioxidant support.
- » B Vitamins (B1, B2, B6 and B12) are necessary for intermediary liver metabolism. For example, B6 and B12 are required for the remethylation of methionine. A deficiency can contribute to fatty liver.
- » Vitamin A is a fat-soluble vitamin. Low plasma levels of vitamin A have been low in poor functioning livers.
- » Vitamin E is a powerful antioxidant that protects fats from damage. It is needed in when there is an accumulation of unhealthy oxidized fats in the liver cells.
- » Vitamin K2 is required for hepatic synthesis of clotting factors II, VII, IX and X. Chronic cholestatic liver disease results in a bile acid deficiency, which prevents absorption of vitamin K from the intestine. Coagulation disorders occur in animals with severe liver disease.
- » Zinc carnosine is a powerful antioxidant that supports the immune system.

## VETRI LIVER FELINE

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**CATS**



**SPECIALTY  
PRODUCT**

**ALL**

**WEIGHT  
RANGES**

#### PRODUCT DETAILS:

Vetri Liver Feline is recommended to support and maintain proper liver function.

#### DIRECTIONS FOR USE:

**Adult Cats:** Give 2 chews twice daily.

#### ACTIVE INGREDIENTS PER 4 CHEWS:

|   |        |                              |          |
|---|--------|------------------------------|----------|
| Whey Protein Isolate                                  | 250 mg | Zinc (Zn Carnosine)          | 1.1 mg   |
| L-Carnitine   | 250 mg | Thiamine (Vitamin B1)        | 0.8 mg   |
| Taurine   | 250 mg | Riboflavin (Vitamin B2)      | 0.5 mg   |
| L-Arginine  | 250 mg | Pyridoxine HCl (Vitamin B6)  | 0.35 mg  |
| Artichoke ( <i>Cynara scolymus</i> ) Leaf Extract     | 100 mg | Menaquinone (Vitamin K2)     | 0.1 mg   |
| Choline (Cl Chloride)                                 | 100 mg | Folic Acid                   | 0.09 mg  |
| Betaine   | 50 mg  | Cyanocobalamin (Vitamin B12) | 0.003 mg |
| N,N-Dimethylglycine HCl (DMG)                         | 50 mg  |                              |          |
| Milk Thistle ( <i>Silybum marianum</i> ) Seed Extract | 25 mg  |                              |          |
| Turmeric ( <i>Curcuma longa</i> ) Rhizome Extract     | 20 mg  |                              |          |
| Retinyl Acetate (Vitamin A)                           | 375 IU |                              |          |
| d-alpha Tocopheryl Acetate (Vitamin E)                | 25 IU  |                              |          |

**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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