



# VETRI-SCIENCE® LABORATORIES

## VETRI-LIVER CANINE BITE-SIZED CHEWS

- **Vetri-Liver Support** contains fifteen synergistic liver support factors in a highly palatable chicken liver flavored soft chew formula designed to support liver health, methylation and detoxification functions.
- **Vetri-Liver Support Supports:**
  - Phase I and Phase II liver detoxification pathways
  - Fat metabolism
  - Antioxidant protection
  - Glutathione and SAME production
  - Methylation pathway through SAME production
- **Phase I detoxification** neutralizes unwanted chemicals by converting toxins like drugs, hormones, pesticides, pollutants, food additives, and various toxins into less harmful substances. During this process free radicals are produced which, if excessive, can damage liver cells. Nutrients that support this process are B vitamins, Vitamin E, Folic acid, Glutathione, and antioxidants.
- **Phase II detoxification** removes unwanted substances from the body by converting them into water-soluble chemicals that can be easily excreted via bile and urine. Ingredients that support Phase II processes include Glutathione and Cysteine, and Turmeric. Phase II is also called the conjugation pathway because this is where the liver cells add another substance (cysteine, glycine or a sulphur molecule) to a toxic chemical or drug to make it less harmful. It's during this process that free radicals are generated which, if excessive, can damage the liver cells.
- **Important Ingredients include:**
  - **Gluta-Syn** to support the production of glutathione and detoxification of the liver.
  - **Dimethylglycine** to support the production of glutathione, SAME, sulfur based amino acids and to support the immune system.
  - **Betaine (TMG)** to support the production of DMG, glutathione and methylation of homocysteine to methionine.
  - **N-Acetyl Cysteine** for antioxidant support, sulphur donation and for the production of glutathione.
  - **Milk Thistle** to support glutathione levels and liver detoxification.
  - **Turmeric** to support liver and gall bladder function by stimulating the flow of bile and to provide antioxidant support.
  - **Artichoke Leaf Extract** to help normalize liver metabolism and promote bile flow.
  - **Vitamin A** to help protect the liver against free radicals.
  - **Vitamin E** is an important antioxidant that helps protect the liver from copper accumulation.
  - **Zinc** acts as an antioxidant by inhibiting lipid peroxidation and helps protect against fibrosis.
  - **B Vitamins** to support energy and methylation reactions.
- Available in a capsule or in a chicken liver flavored chew.
- **Directions For Use:**  
Give 1 chew per 30 pounds of body weight, daily.
- **Vetri-Liver Support**  
0900725.060 (Approximately 60 Chews)

### VETRI-LIVER CANINE Active Ingredients Per Approximately 1 Chew:

Gluta-Syn® Whey Protein Isolate	1000 mg
Betaine	500 mg
Turmeric (Curcuma longa) Rhizome Extract	100 mg
d-alpha Tocopheryl Succinate (Vitamin E)	30 IU
N-Acetyl Cysteine	75 mg
N,N-Dimethylglycine (DMG) HCl	50 mg
Milk Thistle (Silybum marianum) Seed Extract	50 mg
Artichoke (Cynara scolymus) Leaf Extract	50 mg
Zinc (Zn Proteiniate)	10 mg
Riboflavin (Vitamin B2)	1.5 mg
Retinyl Acetate (Vitamin A)	1000 IU
Thiamine (Vitamin B1)	0.5 mg
Pyridoxine HCl (Vitamin B6)	0.4 mg
Folic Acid	0.07 mg
Cyanocobalamin (Vitamin B12)	0.01 mg

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

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