



PRODUCT INFORMATION

MilkOpet® milk is a **fresh, natural dairy milk** based product developed specifically for dogs. MilkOpet® is stabilized, lactose free, and enriched with **Protein, Calcium, Omega 3 and Omega 6 essential fatty acids** and other nutrients to ensure that these essential nutrient requirements are provided at an optimum level for your dog.

Lactose is the natural sugar in milk. Some dogs, like some people, can't digest lactose which can consequently result in stomach pains and diarrhea that in turn can lead to poor absorption of other ingested nutrients. MilkOpet® milk is **Lactose Free**. Unlike regular milk, MilkOpet® has over 95% of its lactose removed by natural enzymatic processes at the time of processing. Within 10 days 100% has been removed by the ongoing enzymatic action occurring within the product. With its lactose converted to its simple sugars, **glucose and galactose, both of which dogs can digest and enjoy**, the milk tastes sweeter which dogs love. MilkOpet® has a **great taste** which dogs find irresistible, making it easy and convenient for dog lovers to provide an important nutritional support by simply offering the dog MilkOpet® either alone and/ or on their Dry Food to enhance taste and enjoyment.

Even without refrigeration MilkOpet® is good for over a year. To accomplish this MilkOpet® is processed under **UHT (long life)** conditions within hours of milking, providing 14 months stability when packed in its aseptic packages which are easy to open and friendly to the environment when disposed of correctly.

MilkOpet® is enriched with a range of essential and beneficial nutrients added as advised by leading Small Animal Nutritionists **optimising its nutritional balance to support the energy balance and well-being of dogs** at each life stage. MilkOpet® is enriched with **added vitamins, minerals, amino acids and both Omega 3 and Omega 6 essential fatty acids that are so beneficial in fish and vegetable oils.**

Protein. (Natural + enriched) Milk **protein is highly bio-available in natural dairy milk** and contains high proportions of all the essential amino acids, which are the building blocks for body protein. Milk protein **helps build and maintain lean muscle**. The amount of protein in MilkOpet® milk has been increased to optimum canine levels by adding appropriate amounts of additional natural dairy milk protein concentrate. Milk Protein concentrate is obtained through the ultrafiltration of fresh, pasteurized liquid skim milk which retains the proteins in their natural state and in the same ratio present in liquid natural dairy milk.

Essential Fatty Acids in fats and oils are required (i.e. are essential) in pets' diet for **cell structure and function, metabolism, regulation of body functions**, and are necessary in the absorption of the required fat soluble vitamins A,D, E and K. Optimum amounts of essential fatty acids greatly enhance health and well- being.



Omega 3 and Omega 6. (Enriched) **MilkOpet®** contains Canola Oil as a source of Omega 3 and Sunflower Oil for Omega 6. Alpha-Linolenic acid is the major Omega 3 fatty acid in Canola Oil which can be converted to the full range of very long chain essential fatty acids such as **EPA and DHA**. Omega 3 fatty acids **promote health and shiny coat, and have shown to be the building blocks of anti-inflammatory agents** that are the key components for reducing allergic and inflammatory skin conditions in dogs. Specific USA research indicates the best ratio of Omega 6 to Omega 3 in pet food is between 5:1 and 10:1, **MilkOpet®** offers a nutritionally beneficial 7.4 : 1. Sunflower oil is chosen as the secondary essential fat source in **MilkOpet®** milk because it provides linoleic acid a key building block for cells and a precursor for regulators of cell function. **Linoleic acid deficiency may result in impaired reproductive efficiencies, impaired wound healing, and can cause dry lusterless coat and scaly skin.**

Vitamins and Minerals. A selection of specific vitamins and minerals has been added to **MilkOpet®** as an aid in **MilkOpet®** optimizing the amount in the dogs total diet when **MilkOpet®** is fed as recommended.

Calcium. (Natural + enriched) Dairy products such as **MilkOpet®** milk are the best dietary sources of calcium. Calcium is **essential for strong bones and teeth development** in growing dogs. In addition, calcium in **MilkOpet®** milk **reduces the risk of stress fractures and osteoporosis** and plays a role in promoting normal blood pressure. Calcium levels in **MilkOpet®** milk have been carefully increased by adding natural dairy milk calcium.

Phosphorus. (Natural) Phosphorus in **MilkOpet®** works with Calcium and Vitamin D for **strong bones and teeth**. Phosphorus is the most **important element in energy metabolism** in dogs so the natural phosphorus in dairy milk helps your dogs metabolism.

Sodium. (Natural + enriched) Sodium is the major extracellular cation in the body which is essential in controlling blood volume, maintaining correct pH or acid base balance, and **supporting the absorption of many nutrients from the digestive system**

Potassium. (Natural) Potassium is the key mineral that regulates cellular fluid balance and **plays an important role in maintaining normal blood pressure.**

Magnesium. (Natural + enriched) (Magnesium Sulfate) is an essential nutrient needed daily by dogs. The magnesium in **MilkOpet®** has been boosted to ensure adequate daily supply, and to **help relax muscles and to play its vital role in dogs energy production.**

Iron. (Natural + enriched) (Ferrrous Sulfate) **supports bloods transportation of oxygen** throughout the body and brain necessary for energy metabolism, life and with increased amount needed for exercise, play and work.



Selenium. (Natural) (Sodium Selenite) Selenium is an essential nutrient to **support muscle integrity** during exercise in dogs and selenium also **aids the body's immune system as well as reproduction, particularly sperm production.**

Zinc. (Natural) in MilkOpet® is essential for the function of numerous body enzymes needed for metabolism, and for immune system function. Dogs also need zinc for **healthy skin and coats** and as a key component for taste and smell receptors, so that adequate food will be eaten and enjoyed. Zinc also works in conjunction with Vitamin A to **support dogs eyesight and skin condition.**

Copper. (Natural) Copper plays several roles in the body, particularly in **promoting healthy coat color** as well supporting the absorption and transport of Iron in the blood and assimilation of Calcium into bones and teeth.

Iodine. (Natural) Iodine provides a necessary component for thyroid hormones which help **regulate metabolic processes** such as growth and energy expenditure.

Sulphur. (Natural) Sulphur is a key element in the proteins in cartilage, tendons and ligaments that **protect and maintain lubrication of joints.** Sulphur is also important in many detoxification systems.

B Group Vitamins.

Thiamine. (B1) (Natural + enriched) (Thiamine Hydrochloride) Additional amounts of thiamin are added for its **essential role in utilization of energy from food consumed** including the all important glucose as well as energy from fat and protein supporting normal nerve, brain and heart function.

Riboflavin. (B2) (Natural + enriched) Also **helps convert food into energy** and plays a vital role in the **development of the nervous system.**



Niacin. (B3) (Enriched) Another B group Vitamin that is **essential to converting food to energy,**

Pantothenic Acid. (B5) (Natural) **Helps increase energy** particularly from fat, and reduce stress levels.

Pyridoxine. (B6) (Enriched) (Pyridoxine Hydrochloride) Helps in keeping body fluids in balance and in Amino acid metabolism in the body.

Vitamin B6 (Natural) Helps in **keeping body fluids in balance** and in Amino acid metabolism in the body.

Biotin. (Natural + enriched) Promotes synthesis of Amino acids particularly those required for skin and hair growth. **Supports shiny coat and good skin health.**

Folic Acid. (B9- Folate) (Natural + enriched) **Supports natural and efficient cell turnover** through synthesis of DNA and RNA and nerve development.

Vitamin B12. (Natural + enriched) Works closely **with Folate to make red blood cells and helps maintain central nervous system.**

Other Vitamins

Vitamin A. (Natural + enriched) (Vitamin A Acetate) Additional amounts of vitamin A are added to **MilkOpet®** to enhance vision, reproduction, bone development, healthy skin, and to help maintain integrity of the immune system.

Beta Carotene. (Natural + enriched) is a potent antioxidant and **can be converted to Vitamin A** when ingested by dogs.

Vitamin C. (Natural + enriched) (Ascorbic Acid) Vitamin C is one of the most important antioxidants. Vitamin C **supports a healthy liver function,** preserves Vitamin E content and **provides integral support of muscle, bone and teeth, and blood vessel development.** Vitamin C supports **improved absorption of Iron in the diet.** It **stimulates and supports the immune system** and is important in the detoxification process. Vitamin C can **help in the wound healing process as well.**

Vitamin D3. (Enriched) (Cholecalciferol) **Essential for absorption of calcium for healthy bones and teeth, immunity and health,** and helps maintain normal blood levels of calcium and phosphorous. Additional functions for Vitamin D in **glucose regulation and nerve function** have recently been discovered.



Vitamin E. (Natural + enriched) Vitamin E is a proven antioxidant that **supports animal fertility and reproduction.** Vitamin E also **improves cellular membrane integrity** particularly in working muscles and **assists blood circulatory problems.**

Taurine (Enriched) is an essential amino acid in the diet for cats and under some conditions is beneficial for dogs. Inadequate taurine in a cat's diet causes heart disease and retinal degeneration resulting in irreversible blindness. Although dogs make their own taurine it is thought that in some situations optimum amounts are not made by some dogs so that dietary ingestion of taurine is beneficial. This is provided by **MilkOpet®**

Other dairy milk Amino Acids. Natural dairy milk contains a comprehensive range of Amino Acids (the building blocks of Proteins) including Threonine, Isoleucine, Leucine, Lysine, Methionine, Cystine, Phenylalanine, Tyrosine, Valine, Arginine, Histidine, Alanine, Aspartic Acid, Glutamic Acid, Glycine, and Serine.

Antioxidants. MilkOpet® is improved by the addition of the antioxidants Vitamins C, D, E, and beta- carotene to further **support dogs good health** without changing the fresh taste of natural dairy milk.

Regular hydration is important for dogs as they need an adequate fluid intake to **help maintain normal body volume and cell function, and to support kidney function.** Pets fed primarily dry food risk inadequate fluid intake for optimum health and performance. Physical activity in play or work can use lots of energy and dehydrate your pet. Drinking **MilkOpet®** before and after play or work helps replace lost fluids, and keeps dogs feeling refreshed, happy and healthy. Because dogs love its taste and it provides so many beneficial nutrients **MilkOpet®** is an ideal way of providing necessary and balanced fluid intake.

MilkOpet® has been developed for optimum care and enjoyment for your dogs well-being It is **produced in a human standard dairy processing plant in the worlds most highly regarded dairy producing region.** **MilkOpet®** is an enriched food that contains a comprehensive range of natural, readily bio-available vitamins, minerals, amino acids, and essential fatty acids in fresh dairy milk to deliver a wide range of health benefits to dogs during all stages of life. **Pet's don't know it's good for them, but Pet Lovers Do !**