



Happy pet. Happy you.

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## **Farmina N&D Balanced Nutrition for Carnivores**

The Farmina Pet Foods' **nutrition system for carnivores** has always promoted the belief that dogs are carnivores and require a diet based on proteins from animal origin. Unlike vegetable proteins, animal proteins contain the full spectrum of essential amino acids including taurine<sup>1 2 7 10</sup>. **All Farmina N&D recipes contain 90% to 99% of protein from animal origin.**

Dogs have evolved to be able to synthesize taurine from cysteine and methionine<sup>1 2</sup> two amino acids known to be included in vegetable protein so it's generally recognized that a dietary supplementation is not needed. However, Farmina is aware of scientific studies showing that certain dog breeds have difficulties in absorbing adequate quantities of taurine, in the natural conversion of sulfonated amino acids to taurine, as well as low protein/poor quality diets over long periods of time may lead to DCM<sup>1 3 4 5 6 8</sup>. This is why **Farmina has always integrated an additional 1,000mg/kg of taurine into every Farmina N&D dog recipe.**

**Farmina N&D is one of the few dog foods that integrates taurine into all recipes.**

Farmina Pet Foods' unique production process is also designed to reduce thermal stress on the high quantities of fresh meats used in every recipe to maximize the bioavailability of essential nutrients. Keeping in mind that processing fresh meats can reduce the availability of essential nutrients<sup>9</sup> was another contributing factor to Farmina's desire to integrate taurine in all diets for both dogs and cats. **This integration exceeds the guidelines by both AAFCO and FEDIAF.**

Every Farmina N&D dog diet has always contained an added integration of 1,000mg/kg taurine.

Farmina diets contain a minimal quantity of ingredients containing starch; N&D Prime: Potato, N&D Pumpkin/N&D Quinoa: Naturally Extracted Pea Fiber and Pea Starch, N&D Ancestral Grain: Spelt and Oats. Whenever Farmina uses legume ingredients, it's in the form of naturally extracted pea fiber and pea starch never pea proteins. Pea fiber is used in minimal amounts to support intestinal motility and pea starch in quantities sufficient for extrusion. Farmina avoids the use of extracted vegetable proteins from legumes completely.

Furthermore, Farmina doesn't split ingredients, a formulation technique used to lower the positioning of a starch or vegetable protein ranking on a products ingredient label. When these lower positioning starch or vegetable proteins are added together they in fact make up a main ingredient of the product. Instead, Farmina N&D diets contain 90 to 99% proteins from animal origin.

**Farmina continues to pioneer carnivore nutritional diets through ongoing cruelty-free research partnerships with Universities and clinics.** The goal is to create perfectly safe, natural and delicious diets using the most advanced carnivore nutritional developments.

A healthy pet is a Happy Pet. Happy You.



Happy pet. Happy you.

## References

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