INSIGHTS - A LOOK INSIDE PEER-REVIEW

ZINPRO® Improves Zinc Status in Weanling Puppies

Study Objective

Compare two zinc sources (ZnO and ZINPRO) and evaluate zinc status indicators in weanling puppies fed a plant-based diet.

Study Duration

28 days

Animals

30 8-week-old hound-cross puppies (15 male; 15 female) with initial BW of 5.62 to 12.57 lb (2.55 to 5.70 kg); 5 dogs from each of 6 litters were chosen for this study.

Treatments

Control: No supplemental Zn

ZnO 50: 50 ppm Zn as ZnO

ZINPRO 50: 50 ppm Zn as ZINPRO

ZnO 100: 100 ppm Zn as ZnO

ZINPRO 100: 100 ppm Zn as ZINPRO

Location

University of Illinois, Urbana, IL, USA

Results Summary

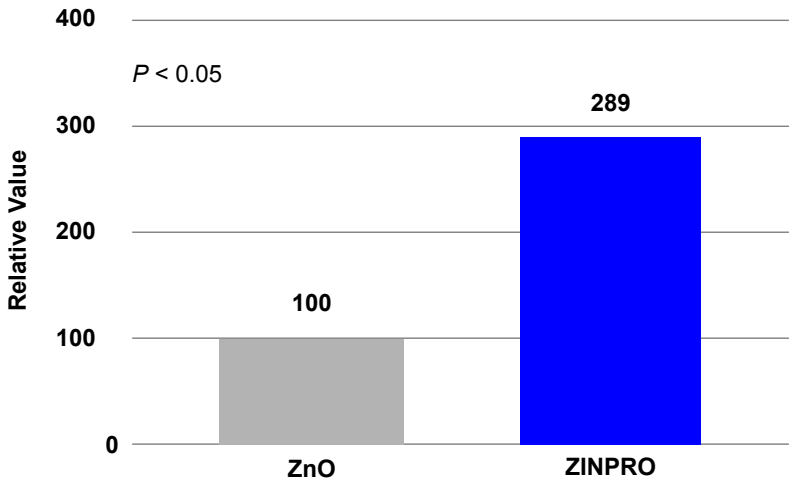
Trace minerals are key to the health and well-being of our family companion animals

Puppies offered ZINPRO:

- Had higher blood Zn status, key to healthier skin and coat, and more consistent bone growth, important to skeletal integrity and longevity
- Were stimulated to eat more food, thus gaining more weight that did not equate to excess fat

ZINPRO is nearly 3x more bio-efficacious than ZnO, a common zinc source often used in puppy and mature dog diets.

Relative Bioavailability of ZINPRO



Vester, B. M., L. K. Karr-Lilienthal, D. J. Tomlinson, K. S. Swanson, and G. C. Fahey Jr. 2007. Indicators of zinc status ofweanling puppies are affected by zinc dietary concentration. Prof. Anim. Sci. 23:448-453.