20%

of dogs face joint issues resulting in possible mobility challenges.[1]

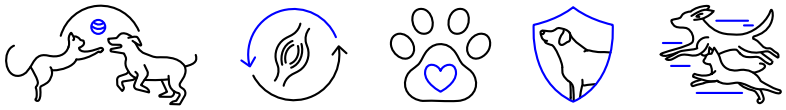
Pet-Proven Benefits of Zinpro® ProPath® for Adult & Senior Dogs

- Healthy Activity Levels
- Balanced Movement
- Paw Pad Resilience
- Comprehensive Mobility Support

Zinpro® ProPath® Performance Minerals

Keep pets moving freely and active with Zinpro® Performance Minerals®

Modern pet parents live busy, active lives. But some estimates show that as many as 1 in 5 dogs may face mobility challenges and lethargy as a leading reason for veterinary visits. With Zinpro ProPath Performance Minerals in the diet, you can help dogs bounce back from exercise with ease and keep up with pet parents' busy lives.

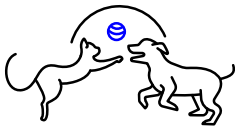


Zinpro ProPath Performance Mineral Recommended Rates for Canine Diets

Zn	Mn	Fe	Cu
100 ppm	25 ppm	45 ppm	7 ppm

1 - Johnston, S.A. Osteoarthritis. Joint anatomy, physiology and pathobiology. Veterinary Clinics of North America: Small Animal Practice. 1997. 27(4): 699–723.

Support Sustained Energy Levels and Paw Health



Boosted Activity

Dogs fed Zinpro ProPath Performance Minerals had 35 more minutes of active play time per day. Based on these results, pet parents could get up to 212 more hours of play time per year!

+35
Minutes of Daily Activity

Paw Pad Resilience

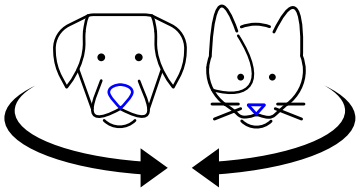
Senior dogs fed Zinpro ProPath Performance Minerals have shown improvements in paw pad integrity and pad thickness after 12 weeks.

Amundson, L. A., Millican, A. A., Swensson, E., McGilliard, M. L., & Tomlinson, D. (2025). Effect of supplemental trace mineral source on haircoat and activity levels in senior dogs. Animals, 15, 686. https://doi.org/10.3390/ani15050686

Deliver 360-Degrees of Mobility

Research confirms that Zinpro ProPath Performance Minerals provide a science-backed solution for comprehensive mobility support in dogs.

By evaluating phenotypic data (like symmetrical gait), molecular markers (such as immune responsiveness), and biochemical insights (including metabolic shifts), Zinpro ProPath goes beyond simply supporting movement—it strengthens the entire recovery and performance cycle. For pet food brands, this means a stronger formula foundation built on proven ingredients that meet consumer demand for holistic, functional nutrition—helping dogs stay active, recover efficiently and thrive alongside their busy pet parents.

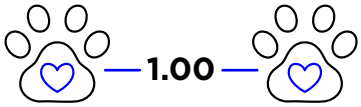


Phenotypic
Molecular
Biochemical

Phenotypic Evidence

Balanced Movement

Gait analysis evaluating factors such as time, space and relative pressure has shown that dogs fed Zinpro ProPath Performance Minerals have an optimized weight distribution post-exercise indicating improved post exercise recovery dynamics.

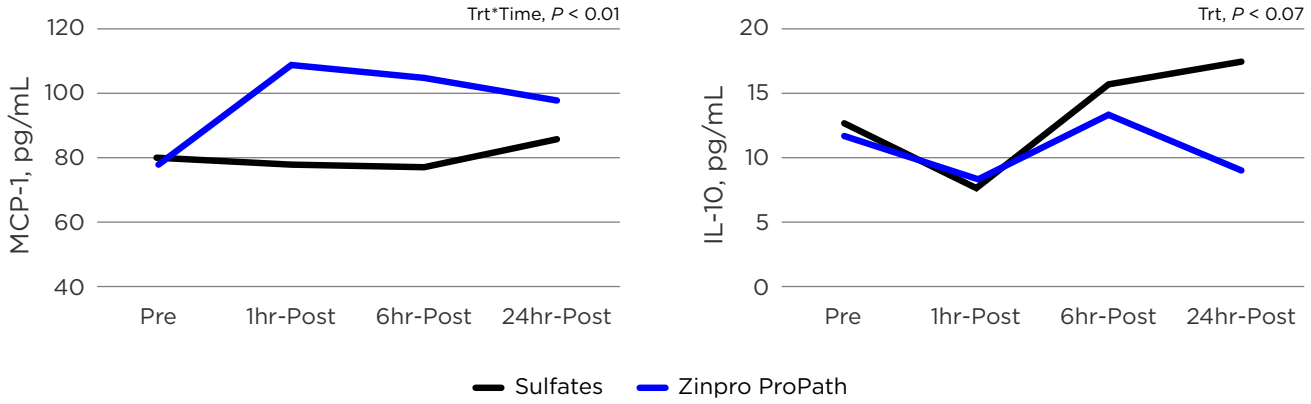


Ideal Symmetrical Ratio

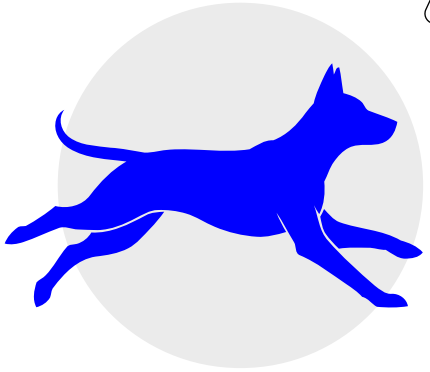
Molecular Markers

Exercise Recovery Response

Dogs fed Zinpro ProPath Performance Minerals showed optimized immune response to stress as indicated by improvements in MCP-1 and IL-10 levels, post-exercise.



Biochemical Insights



Metabolomics analysis shows that dogs fed Zinpro ProPath Performance Minerals were metabolically adaptable to an exercise challenge, as evidenced by changes in metabolites representing improved lipid metabolism to support optimal physiological function post-exercise.

36 unique lipid-associated metabolites altered at 6 hours post-exercise to support efficient recovery.

Dogs demonstrated enhanced lipid metabolism, which supports exercise recovery through stronger cell membranes, improved energy use and a healthy inflammatory response.

Support restored energy balance, tissue recovery and immune homeostasis

Amundson, L. (2025, June). Amino acid-complexed trace minerals support improved mobility and metabolic response in Labrador Retrievers. Abstract presented at the American Academy of Veterinary Nutrition Clinical Nutrition & Research Symposium, Louisville, KY.

For more information:
contact your Zinpro sales representative or visit
zinpropet.com