

ALLCIUM D3 LIQUID

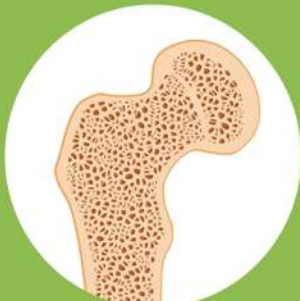
Calcium, pH stable D3, Phosphorus releaser, Blend of Minerals & Vitamins.

Highly Bioavailable Calcium

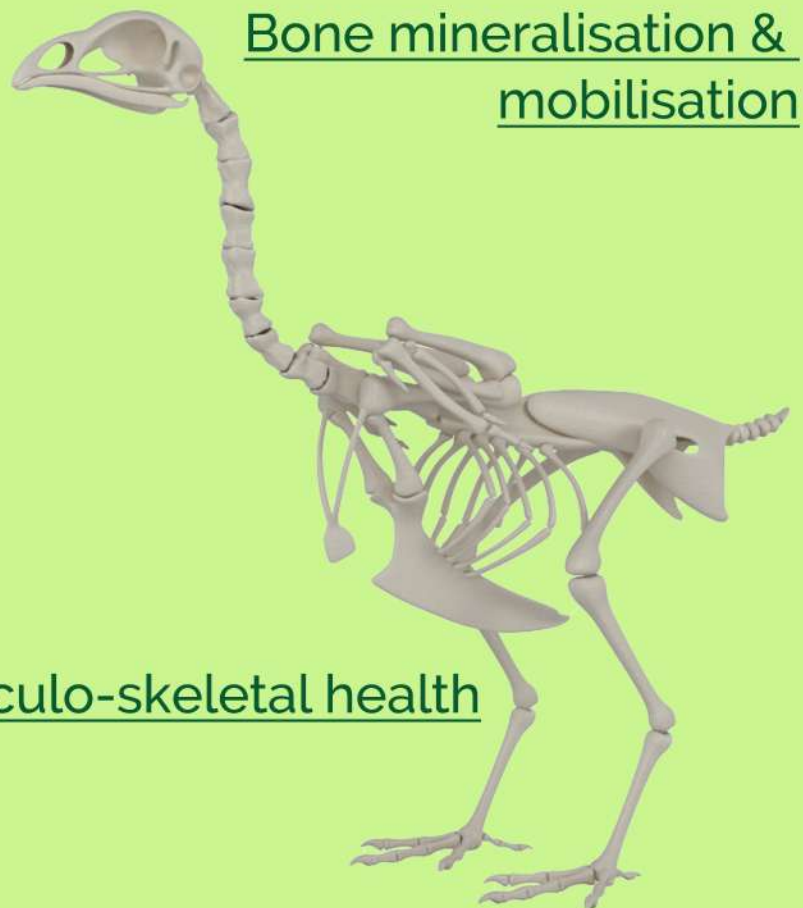


Superior shell quality

Strong legs and bones



Bone mineralisation & mobilisation



Musculo-skeletal health

Calcium bioavailability

Calcium and phosphorus, two minerals found in abundance in the body, are involved in several vital physiological processes. Maintenance of homeostasis for both elements is fundamental to disease prevention in the aging adult with regards to musculo-skeletal health and other disorders. Calcium and phosphorus absorption occur via transcellular and paracellular pathways. Their regulation is maintained by interactions of three hormones: parathormone, vitamin D, and calcitonin. Parathormone and vitamin D enhance calcium and phosphorus absorption in the intestine.

Vitamin D₃ must be metabolized following ingestion into 25-hydroxycholecalciferol (25(OH)D₃) in the liver and subsequently into its active metabolite 1,25-dihydroxycholecalciferol (1,25(OH)₂D₃) in the kidneys. These metabolites are currently commercially available, as 1- α -hydroxycholecalciferol (1 α (OH)D₃), a synthetic analogue of the active metabolite 1,25(OH)₂D₃, which is converted into its active form in the liver.

Vitamin D₃ supplementation is closely related to a decreased incidence of bone disorders because vitamin D is involved in various physiological processes, including the absorption of calcium and phosphorus, bone mineralisation and mobilisation.

Vitamin D₃ is involved in skeletal integrity through the stimulation of the expression of genes in the small intestine which govern intestinal calcium and phosphorus absorption, in bone to osteoclast differentiation and calcium reabsorption promoting mineralization of the bone matrix.

Why Allcium D₃ is your choice

- Maturity of immune system.
- Bone formation, Skeletal integrity.
- Cell formation, cell growth and differentiation.
- Support the formation of high quality egg shells.
- Calcium, Magnesium and Phosphorus metabolism.

Composition

Chelated Calcium

Well emulsified, concentrated and pH stable Vitamin D₃

Chelated Magnesium

Chelated Manganese

Chelated Zinc

Phosphorus releaser

Blend of Vitamins

Dosage : -

Administration :

Broiler : 25 ml / 100 Birds. Weekly once advisable.

Layer : 25 ml / 100 Birds. Weekly once advisable

Breeder : 30 ml / 100 Birds. Weekly once advisable

Treatment :-

Broiler : 25 ml / 100 Birds. 3 days continuous application and weekly once advisable

Layer : 25 ml / 100 Birds. 5 days continuous application and weekly once advisable

Broiler : 30 ml / 100 Birds. 5 days continuous application and weekly once advisable

Manufactured and Marketed by :



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