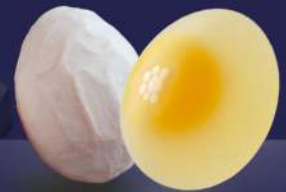


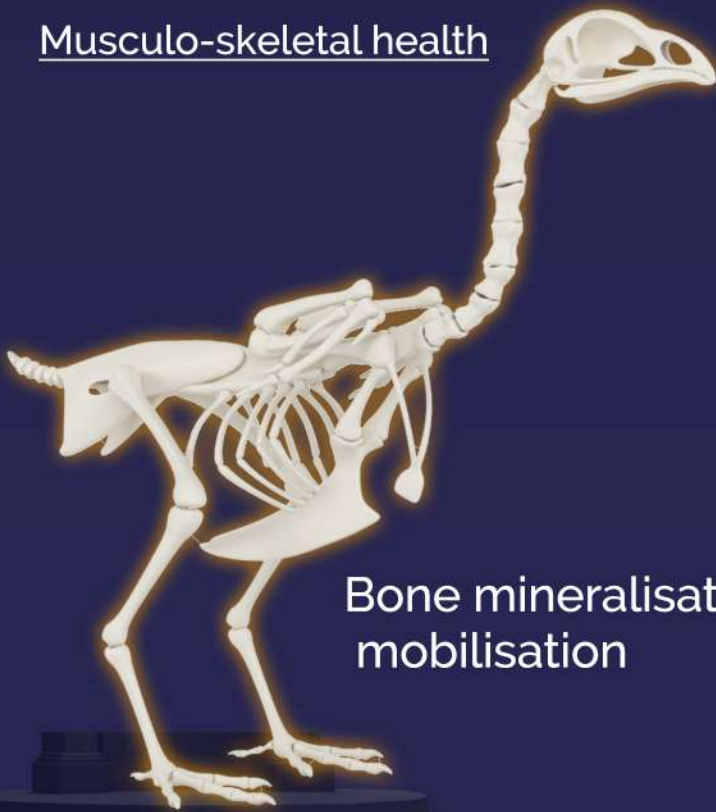
# CALFROUS D3 POWDER

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

Highly Bioavailable Calcium  
Superior shell quality



Musculo-skeletal health



Bone mineralisation & mobilisation



Strong legs and bones

## 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 D<sub>3</sub> must be metabolized following ingestion into 25-hydroxycholecalciferol (25(OH)D<sub>3</sub>) in the liver and subsequently into its active metabolite 1,25-dihydroxycholecalciferol (1,25(OH)<sub>2</sub>D<sub>3</sub>) in the kidneys. These metabolites are currently commercially available, as 1- $\alpha$ -hydroxycholecalciferol (1 $\alpha$ (OH)D<sub>3</sub>), a synthetic analogue of the active metabolite 1,25(OH)<sub>2</sub>D<sub>3</sub>, which is converted into its active form in the liver.

Vitamin D<sub>3</sub> supplementation is closely related to a decreased incidence of bone disorders because vitamin D<sub>3</sub> is involved in various physiological processes, including the absorption of calcium and phosphorus, bone mineralisation and mobilisation.

Vitamin D<sub>3</sub> 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 CALFROUS D<sub>3</sub> 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 D<sub>3</sub>

Chelated Magnesium

Chelated Manganese

Chelated Zinc

Phosphorus releaser

Blend of Vitamins

### Dosage : -

#### Administration :

Broiler : 100 grams per ton of feed.

Layer : 100 grams per ton of feed.

Breeder : 125 grams per ton of feed.

#### Treatment :-

Broiler : 125 grams per ton of feed for 7 days and follow the administration dosage.

Layer : 150 grams per ton of feed for 7 days and follow the administration dosage.

Broiler : 150 grams per ton of feed for 7 days and follow the administration dosage.

Manufactured and Marketed by :

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