

Oral Liquid

CS GUARD 20[®]

Gut Protector



Strengthens Immunity



Improves Nervous System



Protects Gut



Enhances Growth

Composition

Each 1000ml contains:

Chelated Copper		20%
Lactic Acid		5%
Citric Acid		10%
Sorbitol		12%
Lysine		2%
Methionine		1%



merlin
Life Care

Oral Liquid

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KEY DIFFERENCES BETWEEN SIMPLE AND CHELATED COPPER

DESCRIPTION :

Chelated Copper is a form of copper that has been chemically bound to an organic molecule, like an amino acid, to create a protective ring structure. Standard Copper (such as copper sulfate or cupric oxide) is an inorganic mineral salt. Chelation protects the copper, allowing for significantly better absorption and preventing it from reacting poorly with other elements.

Absorption & Bioavailability:

Chelated Copper is much more easily absorbed by body of the bird because the amino acid carriers which tricks system into absorbing it as a protein. Standard copper is harder for the body to break down and assimilate.

Digestive Comfort:

Chelated copper offers superior bioavailability, as the amino acid carriers enhance its absorption and utilization by the bird. In contrast, standard copper is less readily absorbed and utilized by the body.

Uses in Poultry:

Chelated Copper stays soluble and accessible in wider range. Unchelated Copper can easily bind to and becomes less potent to in high-pH.

INDICATIONS

- To remove aflatoxin in the gizzard of the birds from koilin layer
- To stop Reduction (from Oxidation Reduction Process) due to poor ventilation and chock lungs and to stop water belly
- Maintains pH of gut if it moves above the normal range

BENEFITS

- Supports bone strength and eggshell quality
- Improves Growth rates and Feed Conversion Ratio (FCR)
- Maintains optimum copper level in birds
- Prevents anaemia, pale combs and poor feathering
- Acts as natural microbial in water and gut
- Enhances immunity and disease resistance
- It stimulates growth in young birds

COPPER
is Effective in

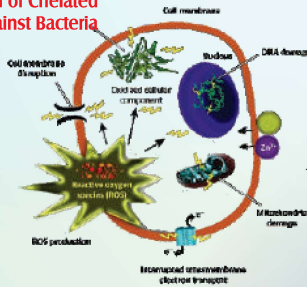
GROWTH

IMMUNITY

NERVOUS SYSTEM

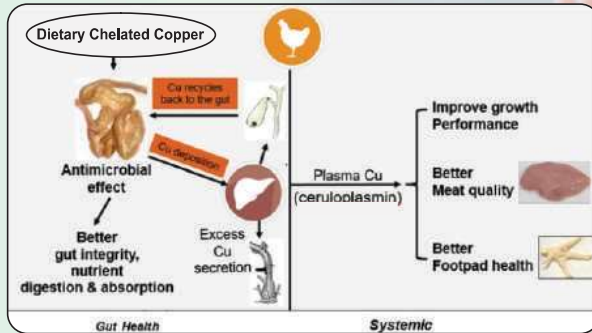
DIGESTIVE SYSTEM

Mechanism of Chelated Copper against Bacteria



- سی ایس گارڈ پرندوں کے پیٹ میں موجود پانی کی تھیلیاں ختم کرتا ہے جو کہ شیڈ میں ہوائی کمی کے باعث پیدا ہوتی ہیں۔
- سی ایس گارڈ کا پرکی کمی دور کرتا اور پرندوں کی مجموعی صحت کو بہتر بناتا ہے۔
- سی ایس گارڈ پرندوں میں افلا ٹاکسنز کو دور کرنے کے لئے استعمال ہوتا ہے۔
- سی ایس گارڈ پانی میں آسانی سے حل پذیر ہو کر دوا کے استعمال کو طاقتور بناتا ہے۔
- سی ایس گارڈ پرندوں کی انتڑیوں میں pH کو برقرار رکھنے کے لئے بھی موثر کن ثابت ہوتا ہے۔

Chelated Copper 's Mode of Action



Marketed by:



merlin
Life Care

Shah Rukn-e-Alam
Multan- Pakistan



BOP Nutraceuticals
Manufactured By.
Plot No. A2, Phase-1A, M3 Sahianwala Interchange,
Faisalabad Industrial Estate, Development &
Management Company (FIDMC) Faisalabad.

Packing:
5 Liters
Dosage:

1 ml in 2-4 Liters
of Drinking Water

FOR VETERINARY USE ONLY

صرف جانوروں کے استعمال کے لیے

www.merlinlifecare.com