

RUMODOT TRACE

Multi-Mineral Blend For Veterinary Feed Supplement

Description

This veterinary feed supplement is a concentrated mineral blend designed to provide essential macro and trace minerals to cattle through their regular diet. Formulated specifically to meet the nutritional demands of growing, lactating, or recovering cattle, the product supplies calcium, cobalt, copper, iodine, iron, magnesium, manganese, potassium, sodium, sulphur, and zinc in optimized ratios.

It is intended to prevent or correct mineral deficiencies that may result from poor feed quality, soil mineral depletion, or physiological stress. The formulation supports bone development, enzyme function, hormone regulation, metabolic activity, immune response, and overall productivity.

This product is presented as a free-flowing powder for easy mixing into cattle feed. It is not a substitute for balanced nutrition but serves as a vital additive to ensure optimum mineral levels are maintained across the herd.

Specification

- **Appearance:** Fine, homogeneous powder
- **Colour:** Off-white to light grey (depends on mineral source)
- **Odor:** Odourless or mildly metallic
- **Solubility:** Dispersible in water (not fully soluble)
- **pH (1% solution):** Approx. 5.5 – 7.5
- **Calcium content:** 33% by weight
- **Other mineral contents (per kg product):**
 - Cobalt – 150 g
 - Copper – 15 g
 - Iodine – 325 g
 - Iron – 25 g
 - Magnesium – 25 g
 - Manganese – 25 g
 - Potassium – 100 mg
 - Sodium – 6000 µg
 - Sulphur – 6000 µg
 - Zinc – 100 g
- **Microbial limits:** Total viable count and coliforms within feed-grade norms
- **Stability:** Chemically stable for 24 months under standard storage

- **Heavy metal content:** Compliant with veterinary feed additive limits

Composition (Actives & Excipients)

- Active ingredients: Mineral salts and/or chelated forms of listed elements
- Excipients: Feed-grade carriers, flow agents, and stabilizers (e.g., calcium carbonate, silica)
- No artificial colours, Flavors, or preservatives unless specified

Product Form

Free-flowing mineral powder for mixing into cattle feed

Indications

- Supports mineral balance in cattle during growth, lactation, breeding, and post-illness recovery
- Prevents mineral deficiency disorders such as anaemia, goitre, weak bones, poor weight gain, and fertility issues
- Enhances productivity, immune function, and metabolic performance

Dosage & Usage Instructions

- Mix thoroughly with feed
- General recommendation: 10–20 g per animal per day (or as advised by a veterinarian)
- Can be fed continuously or during specific stages (gestation, lactation, etc.)

Route of Administration

Oral – through feed only

Advantages

- Balanced multi-mineral blend with essential macro and trace elements
- Convenient feed-grade powder for easy dosing
- Enhances animal productivity and disease resistance
- Reduces chances of mineral antagonism or imbalance
- Cost-effective solution for herd-wide supplementation

Adverse Effects / Overdose

- Over-supplementation may cause toxicity (especially with copper, iodine, or cobalt)
- Symptoms of overdose may include reduced appetite, digestive upset, organ stress
- Always follow veterinary guidance for mineral supplementation in conjunction with dietary analysis

Precautions

- Do not exceed recommended dosage
- Avoid contact with moisture; reseal packaging after each use
- Use appropriate personal protective equipment (mask/gloves) while handling bulk powder
- Keep out of reach of children
- Not intended for non-ruminant animals or human use

Withdrawal Period

No withdrawal period required if used as per recommended dosage and local feed regulations

Storage & Handling

- Store in a cool, dry, well-ventilated area
- Avoid exposure to direct sunlight and humidity
- Use clean tools for dispensing
- Do not store near chemicals or veterinary drugs

HS / HSN Code

HS Code: 3004.90.85

(Veterinary medicinal feed preparations – non-human use)

Special Instructions

- For feed use only – not for direct oral administration
- Mix uniformly into feed or premix before large batch mixing
- If symptoms of deficiency or overdose occur, consult a veterinarian
- Regular feed analysis is recommended to avoid cumulative overdose from multiple sources

Human and Veterinary Use Note

This product is strictly for **veterinary use in cattle**. It is not manufactured under pharmaceutical-grade specifications and is not approved for human consumption. The mineral ratios and excipients used are tailored specifically for the metabolic and physiological needs of cattle.

? Frequently Asked Questions (FAQs)

Q1: Can this supplement replace all mineral sources in the diet?

A1: No, it complements the existing feed and balances mineral levels. A complete feed formulation is still necessary.

Q2: Can this product be used in other animals like goats or sheep?

A2: Not recommended without veterinary approval. Different species have different tolerance levels for minerals, especially copper.

Q3: Is calcium the main active ingredient in this blend?

A3: While calcium is present at 33%, the product is formulated for broad-spectrum mineral support, not just calcium supplementation.

Q4: Can I mix this supplement with other premixes or medications?

A4: Avoid mixing with other mineral-rich products unless prescribed by a vet to prevent overdose or nutrient interactions.

Q5: How long should I give this to my cattle?

A5: It can be given year-round or during specific physiological phases like growth, lactation, and recovery. Duration should be based on nutritional needs and vet advice.

