

D-BOOSTER

Gluconeogenic Precursors Fortified with Vitamins

Description:

A veterinary liquid supplement designed to support gluconeogenesis and energy metabolism in cattle and poultry. Fortified with essential vitamins and organic acids, this formulation enhances energy production, promotes metabolic efficiency, and supports overall health.

Specification:

- Gluconeogenic Precursors (total): 2500 mg
- Vitamin E: 2500 IU
- Vitamin D3: 2500 IU
- Pantothenic Acid (Vitamin B5): 190 mg
- Niacinamide (Vitamin B3): 10 gm
- Vitamin B6: 170 mg
- Vitamin B2 (Riboflavin): 165 mg
- Vitamin B12 (Cobalamin): 600 mcg
- Hydrated Trisodium Citrate: 75 gm
- Lactic Acid: 20 mg
- Lactose: 1.50 gm

Composition:

A synergistic blend of gluconeogenic substrates and essential water-soluble and fat-soluble vitamins, aimed to enhance glucose production and metabolic functions.

Excipients:

Suitable pharmaceutical-grade solvents and stabilizers to maintain product integrity.

Indications:

- Supports energy metabolism and gluconeogenesis
- Enhances growth and productivity in cattle and poultry
- Improves vitamin status and metabolic health
- Helps in recovery from metabolic stress and fatigue

Dosage:

Administer orally as directed by a veterinarian; typically mixed with drinking water or feed.

Route of Administration:

Oral.

Usage:

Daily supplementation for energy support, metabolic enhancement, and overall health maintenance.

Advantages:

- Provides key gluconeogenic substrates for energy production
- Fortified with essential vitamins supporting metabolic pathways
- Liquid form for easy administration and absorption

Adverse Effects:

No known adverse effects when used as directed.

Schedule:

Non-controlled veterinary supplement.

Precautions:

Store in a cool, dry place away from sunlight. Use under veterinary supervision.

Withdrawal Period:

Not applicable.

Storage:

Store between 15–25°C, tightly sealed.

Handling

Avoid contamination; use clean utensils for dosing.

HS/HSN Code:

- HS Code: 3004.90
- HSN Code: 3004

Special Instructions:

Ensure proper mixing before administration; avoid overdosing.

Human and Veterinary Application:

For veterinary use in cattle and poultry only.

Frequently Asked Questions (FAQs):

Q: What are gluconeogenic precursors?

A: Substances that serve as substrates for glucose production in animals, vital for energy metabolism.

Q: Is this suitable for both cattle and poultry?

A: Yes, formulated specifically for both species.

Q: Can it be used during periods of stress?

A: Yes, it supports metabolic health during stress or illness.

Q: How should this be administered?

A: Orally, mixed with feed or water as per veterinary advice.