



SB-Virginiacin 10

SB-Virginiacin 50

Virginiacin 10% & 50%
Poultry Feed Additive & Supplement

"Boost your flocks' well-being with SB-Virginiacin."

Product Description : SB-Virginiacin (10& 50) is a white or off-white micro-granular feed supplement containing naturally fermented Virginiacin (10% & 50%) derived from the natural source *Streptomyces Sp.* and is approved for use as a veterinary product in poultry and swine. This active ingredient is present at a concentration of 10% (w/w) or 50% (w/w) SB-Virginiacin (10% or 50%) is a growth promoter with both bacteriostatic and bactericidal properties^[1] SB-Virginiacin (10% & 50%) is a nutritional feed additive approved for use in poultry (chickens and turkeys) and swine to enhance feed efficiency and promote growth.



Sanvi Biogen Pvt. Ltd.

We deliver "Safe and Efficacious Products"



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SB-Virginiacin 10 | SB-Virginiacin 50



How it works : Virginiamycin inhibits protein synthesis by binding to the 23S ribosomal subunit and blocking the translation process, with no effect on transcription and possessing a broad-spectrum antimicrobial activity^[2].

"SB-Virginiacin 10 supplementation consistently improved body weight and feed efficiency in broiler chickens across all tested dosages, [100g/ton(100 ppm); 200g/ton (200 ppm) and 400 g/ton (400 ppm)], including both in-house and field experiments. While growth promotion was generally observed at a slightly higher level with the 400ppm dosage. However, always consult your veterinarian for specific dosage recommendations, tailored to your flock's needs.

Key Benefits & Factors:

Growth Promotion^[2]: Enhances growth and weight gain in animals.

Feed Efficiency: Improves feed conversion rates.

Health: Improves intestinal health, gut microbiota, metabolic process and reduces inflammation.

Disease Prevention: Helps prevent necrotic enteritis and Active against Gram- positive bacteria^[3].

Active Ingredient: Virginiamycin (Produced by fermentation process with harmonious effect) belongs to Steptogramin (quinupristin and dalfopristin) class of antibiotics.

Dosage :

Broilers : SB-Virginiacin 10: 100 to 400 grams per ton of feed
and SB-Virginiacin 50 : 10 to 40 grams Per ton of feed during all stages of growth

Withdrawal Period : 0-5 days before slaughter.

Veterinary Consultation : Always consult a veterinarian for specific dosage recommendations, tailored to your flock's needs.

Safety:

Incompatible Additives^[4] : Avoid using SB-Virginiacin in feeds containing pellet-binding agents other than bentonite, Pel-Aid, Agri-Colloid, or Lignosol.

Proper Administration : Do not feed SB-Virginiacin undiluted. (Required on premix and supplement labels only)

Caution : Not for Human Use; Avoid breathing directly; If skin irritation or a rash occurs : Get medical advice/attention. Wear protective gloves/protective clothing/eye protection/face protection.

Storage : Store at room temperature in a dry place, away from moisture & direct sunlight.

Notice : Regarding the dosage : Always consult a veterinarian for proper dosage and usage instructions, as well as for any specific concerns or conditions related to your animals, &

Availability : SB-Virginiamycin is available in 10% and 50% (micro granular) concentrations and can be customized to powder.

Reference

- [1] Gadde UD, Oh S, Lillehoj HS, Lillehoj EP. Antibiotic growth promoters virginiamycin and bacitracin methylene di-salicylate alter the chicken intestinal metabolome. *Sci Rep.* 2018 Feb 26;8(1):3592. doi: 10.1038/s41598-018-22004-6. PMID: 29483631.
- [2] *Veterinary Medicine (Eleventh Edition)*, Book Chapter 6 - Practical Antimicrobial Therapeutics, Editor(s): Peter D. Constable, Kenneth W. Hinchcliff, Stanley H. Done, Walter Grünberg, W.B. Saunders, 2017, Pages 153-174, ISBN 9780702052460,
- [3] Australian Pesticides & Veterinary Medicines Authority 2004
- [4] Canadian Food Inspection Agency/Virginiamycin (VMY) - Medicating Ingredient Brochure, 2019

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