



## SB-CTC

Chlortetracycline-HCL (15%)  
Feed Supplement

## SB-CTC

Chlortetracycline-HCL (80%)  
Water Soluble



### Product Description

"SB-CTC (15%) is a white or off-white powder/granular feed supplement containing 15% Chlortetracycline-HCL (CTC-HCL) with a calcium base". SB-CTC (15%) is a natural fermentation (Family : Streptomyetaceae) based potent calcium ionophore specific supplement used for disease control in poultry layers and breeders mainly (Veterinaryproduct). SB-CTC is a broad-spectrum antibacterial and anti-protozoan active against many Gram-positive bacteria, some Gram-negative bacteria, spirochetes, amebae, and certain large viruses<sup>[1]</sup>



**Sanvi Biogen Pvt. Ltd.**

We deliver "Safe and Efficacious Products"



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### Safety

SB-CTC is absorbed by the GIT (gastrointestinal tract) when taken oral route. SB-CTC is a safety medicine and used to treat bacterial infections in a wide range of species and also as a treatment for secondary bacterial infections

### "How SB-CTC works?"

"SB-CTC helps combat a broad range of bacterial infections in poultry; CTC-HCL competes for the A site of the bacterial ribosome; this binding competes with tRNA carrying amino acids preventing the addition of more amino acids to the peptide chain<sup>[2]</sup>. This inhibition of protein synthesis (16S ribosomal RNA) ultimately inhibits growth and reproduction of the pathogenic bacterial cell as necessary proteins cannot be synthesized Chlortetracycline is commonly used to treat (CRD) chronic respiratory tract infections in chickens, pigs and calves<sup>[3]</sup>

### Key Advantages

SB-CTC Supports Gut Health : Supports gut health (GIT) and reduces the impact of harmful bacteria like "*Pasteurella*, *Bordetella*, *Haemophilusparagallinarum*, *Mycoplasma* and Susceptible strains: *Staphylococcus*, *Streptococcus*, *Escherichia coli*, *Salmonella*".

Supports Respiratory Health: SB-CTC helps control *Mycoplasma* infections associated with chronic respiratory disease (CRD), Non-specific diarrhea and promotes respiratory health in chickens and turkeys.

Improves Performance: SB-CTC helps in prevention of stress can contribute to improved weight gain, feed conversion efficiency, and Egg production in poultry<sup>[4]</sup>

### DOSAGE

SB-CTC (15%)

Broilers/Breeders : 500-1500 grams per ton of feed daily for 5 to 7 days.

Layer : 500-1000 grams per ton of feed daily for 5 to 7 days.

SB-CTC (80%) water soluble-25-30 mg/kg body weight through drinking water.

**Withdrawal Period :** 5-7 days before slaughter when fed to chickens at 800-1000 g/ton.

For best RESULTS add the SB-CTC (15%) with feed at regular time intervals as prescribed by the veterinary consultant.

**Note :** Consult a veterinarian for proper dosage, based on your specific flock needs.

### STORAGE

Store at room temperature and keep away from moisture.

### 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.

### Reference

- [1] George Schwartzman et al., Chlortetracycline Hydrochloride, Analytical Profiles of Drug Substances, Academic Press Vol (8); 1979 (Pg 101-137).
- [2] Posner, Gerald. PHARMA: Greed, Lies, and the Poisoning of America. S.L., Avid Reader Pr, 2021, pp. 47-57.
- [3] Austria-Codex (in German). Vienna: Österreichischer Apothekerverlag 2018.
- [4] FDA-<https://www.fda.gov/animal-veterinary/products/approved-animal-drug-products-green-book>

**SB-CTC Available forms:**  
powder/Granules/water soluble



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