

Apracin
Apramycin sulfate
Water soluble powder
For veterinary use

Composition

Each 150 gm packet contains :-
Apramycin sulfate 78gm
(equivalent to 50 mega units of apramycin)

Pharmacological action :-

Apramycin is a broad-spectrum antibiotic of the aminocyclitol group, produced by the actinomycete *Streptomyces tenebrarius*. This compound is highly soluble in water.

Apramycin, as other aminoglycoside-aminocyclitol antibiotics, acts against bacteria by exerting marked inhibitory effects on protein synthesis at the ribosome level.

Apramycin has been shown to be a potent inhibitor of protein synthesis in bacteria.

At low concentrations, apramycin inhibits protein synthesis more effectively than kanamycin A, streptomycin, amikacin or gentamicin.

Indication:-

Calves : For the treatment for Colibacillosis and Salmonellosis .

Poultry: For the treatment of Escherichia coli ,septicemia and Salmonellosis in young birds.

Dosage :-

Calves: 20 – 40 mg of apramycin activity / kg body weight daily depending on severity of condition for 5 days

Poultry : 250 – 500 mg of apramycin activity / liter of drinking water for five days

Withdrawal times :-

Treated calves must not be slaughtered for human consumption before **28 days** of last treatment .

Treated poultry must not be slaughtered for human consumption before **7 days** of last treatment .

Precautions :-

Protect from moisture and excessive heat.

The drinking water and delivery system must be free of rust to avoid reduction of activity .

Pack :-

Packets of 150 gm