

YH-QILU Salinomycin 12% W/W GRANULE
CONTROLLED MEDICINE/ UBAT ERKAWAL
FOR ANIMAL USE ONLY
KEEP OUT OF REACH OF CHILDREN/JAUHI UBAT DARI KANAK-KANAK

Active ingredient: Salinomycin sodium

Strength of Active Substance: 120g/kg (Each kilogram contains Salinomycin sodium equivalent to 116.6g Salinomycin.)

Route of Administration: Oral administration

Product description: Slightly yellow to yellow granule.

Recommended Dose: Thoroughly mix 500g YH-QILU Salinomycin 12% W/W Granule to 1 tonne of chicken feed. This produces a Salinomycin sodium level of 60g/tonne in the finished feed which should be fed continuously as the sole ration.

Pharmacodynamics: The anticoccidiosis action of Salinomycin is mainly directed against the free merozoites and against first and second generation schizonts. Like all other polyene antibiotics, Salinomycin acts as an ionophore and uses this property to mediate the influx of cations into the cell. Through Salinomycin, sodium and potassium ions are transported into the cell in exchange for protons. This leads to a breakdown of the natural transmembrane ion gradient, a pH shift, and water entry into the cell. The associated increase in pressure causes destruction of intracellular structures, leading to cell death.

Pharmacokinetics:

For chicken:

(1) The active ingredient is rapidly and well absorbed (after administration into the crop).

(2) Distribution: Salinomycin is rapidly distributed and eliminated.

(3) Half-lives: after 20 mg/kg orally (in crop): 0.19 h

(4) Clearance: Salinomycin showed a high body clearance rate.

Indication: YH-QILU Salinomycin 12% W/W Granule is used for control of coccidiosis caused by *Eimeria Acervulina*, *E. brunetti*, *E. maxima*, *E. necatrix* and *E. tenella* in broiler chickens and replacement chickens intended for use as caged layers.

Contraindication: YH-QILU Salinomycin 12% W/W Granule should not be fed to horses or any other animal not included in the label claim. Salinomycin can cause cardiac and muscular paralysis and conduction defects some species such as horses and dogs.

Warning and Precautions: Do not exceed recommended use levels. It is recommended that the appropriate amount of premix be extended with at least 9.5 kilos of ground meal which is then added gradually to the feed blend.

Interactions with Other Medicaments: This product must not be fed to animals receiving Tiamulin (eg: Dynamutalin, Tiamutin). Care must be exercised when feeding concurrently with other antimicrobials. Tiamulin inhibits biotransformation in the liver, thus stopping detoxication. Other drugs especially antibiotics such as erythromycin and tylosin (macrolide) and Lincomycin and clindomycin (lincosamides) have this property. Delaying elimination of salinomycin may necessitate a withholding period.

Side Effects: None know.

Pregnancy and Lactation: Do not use in animal producing milk for human consumption. Do not use in birds during lay, where eggs or egg products are to be used for human consumption or processing. Do not use in birds within 7days of laying where eggs and egg products are to be used for human consumption. If laying takes place within 7 days, the eggs and egg products must not be used for human consumption or processing.

Symptoms and Treatment of Overdose: The level of 90g/ton was a highly effective Anticoccidial agent, but depressed weight gain, indicating slight toxicity.

Disposal: Any unused veterinary product or waste materials derived from such veterinary medicinal products should be disposed of an accordance with local requirements.

Storage Condition: Store below 30°C (Room temperature) in a cool dry place. Protect from light. Keep container tightly closed.

Withdrawal Period: Meat: Poultry: Zero (0) days.

Shelf life: 2 Years

Shelf Life After Reconstitution or Dilution: 28 days at not above 30°C.

Shelf Life After First Opening of Container: 60 days at not above 30°C.

Pack Size: 25kg/bag

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