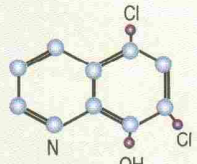
Introducing

Nutriquinol™ 60%

3-in-One Versatile Non Antibiotic Growth Promoter



5,7 – dichloro–
8 hydroxyquinoline

About Nutriquinol

- Nutriquinol is a blend of 5,7-dichloro-8 hydroxyquinoline, 5-monochloro 8 hydroxyquinoline & 7–monochloro-8 hydroxyquinoline produced under controlled chlorination reaction
- Nutriquinol has strong antimicrobial action on pathogenic organism like Bacteria, Fungi and Protozoa

Characteristics of Common Antibiotics/Non-antibiotics Growth Promoters

Category	BMD	CTC	(Nutriquinol) Halquinol	Lincomycin	Colistine Sulfate
Active Ingredients	Bacitracin Methylene Disalicylate	Chlortetracyclin HCL	Chlorohydroxy-quinoline	Lincomycin HCL	Colistine Sulfate
Mode of Action	Inhibition of cell wall synthesis	Inhibits protein synthesis	Biosynthesis and inhibits the microbial cellular respiration	Inhibits protein synthesis	Bacterial cell membrane
Bactericidal	Gram +	Gram+lesser degree Gram-negative	Gram+ & Gram -	Gram + Bacteriostatic	Gram. negative
Fungicidal	No	No	Crop Mycosis	No	No
Antiprotozoal	No	Lesser degree	Eimeria Species	No	No
Compatibility	Incompatible	Incompatible	100% compatible	Incompatible	Slightly
Resistance Development	High as 60%	30-40%	No Resistance	Cross-resistance (macrolides and streptogramins)	20-25%
Residue	No	Yes	No	Yes	Yes
Withdrawal Period	5 days	Meat : 10 Egg : 3 days	No	No	7 days

Swann Report," UK (20) use of antibiotics as for growth promotion lead to a problem of increasing resistance in bacteria of human and animal, resistance in gram-negative bacteria (Salmonella spp. and E-coli)