



**SALVI CHEMICAL
INDUSTRIES LTD.**

solid foundations, fresh innovations



**WORLD'S LARGEST
MANUFACTURER OF**



HALQUINOL

Manufactured under GMP plant

43+ SINCE 1978
YEARS OF SERVICE

WHERE EXCELLENCE MEETS
DEDICATION



SINCE 1978



FDA & GMP APPROVED
DEDICATED PLANT FOR
H3Q MAX (HALQUINOL)



PRODUCED AND MONITORED
UNDER STRICT IN-HOUSE
QUALITY CONTROL TEAM FOR
FOR TESTS DONE BY **GC, HPLC,UV**

○ Anti-Bacterial Action

- » Escherichia coli
- » Salmonella pullorum
- » Salmonella enteritidis
- » Salmonella typhimurium
- » Proteus vulgaris
- » Staphylococcus. spp.
- » Streptococcus. spp.
- » Clostridium perfringens



Anti-Bacterial
Action

**3 WAY
PROTECTION**



Anti-biotic
Free Growth
Promoter



Anti-Protozoal
Action



Anti-Fungal
Property

○ Anti-Protozoal Action

- » Entamoeba histolytica
- » Eimeria bovis
- » All Eimeria spp

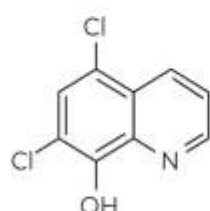
○ Anti-Fungal Property

- » Aspergillus spp.
- » Candida albicans
- » Epidermophyton floccosum
- » Trichomonas mentagrophytes
- » Microsporium audouinii

H3Q Max is a combination of **5,7-Dichloro-8-hydroxyquinoline**, **5-Chloro-8-hydroxyquinoline**, **7-Chlorohydroxyquinoline** produced under controlled chlorination reaction.

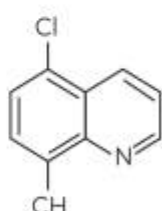
5,7-Dichloro-8-hydroxy quinoline

57-74%



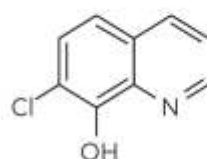
5-Chloro-8-hydroxy quinoline

23-40%



7-Chloro 8-hydroxy quinoline

0-4%



VARIOUS GRADES OF HALQUINOL

PRODUCT	GRADE	ASSAY	APPLICATION	DOSAGE*/TON
Halquinol	BP 80	95.0% to 105.0%	Poultry	Growth promotion: 10-20g/ton of feed Treatment (5-7 days) : 125gms/ton
Halquinol	BP 80	95.0% to 105.0%	Swine	100 to 500 mg halquinol/kg feed
H3Q Max	60%	60%	Poultry	Broiler: 50 -80 gm per ton of feed Layer: 80-100 gm per ton of feed
H3Q Max	60%	60%	Swine	60 to 300 mg halquinol/kg feed
H3Q Max	24%	NLT 23% to 25%	Poultry	30-60g per ton of feed
H3Q Max	13.50%	12% to 14%	Poultry	Dosage: 25gm-200 gm per 100 kg of feed For animals treatment: (5-7 days): 600gms/ton Growth Promotion: layer: 75 gm/ton of feed
H3Q Max	12.5%	12.5% to 13.5%	Poultry	Layers: 500g/ton of feed Broilers: 250g/ton of feed

Note: Dosage vary from country to country and user to user.
 Withdrawal periods range from 0 to 7 days for approved veterinary uses in swine (pigs)

Indications: Malabsorptionsyndrome is overcome by using Halquinol as it has wide spectrum of activity and slows down peristalsis in the gut

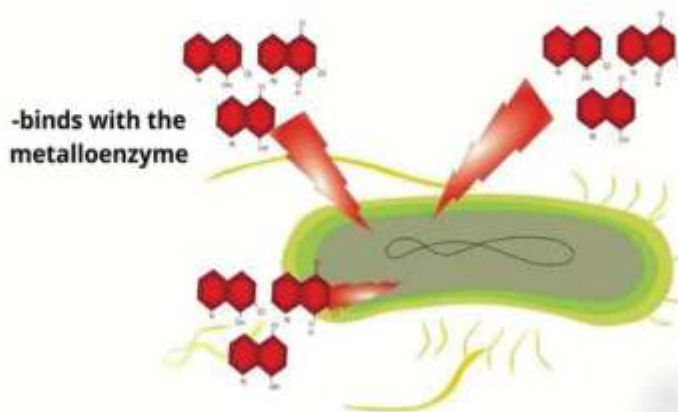
Prevention and treatment of chronic diarrhoea.

MECHANISM OF ACTION HALQUINOL

HALQUINOL is a quinoline with broad-spectrum antimicrobial activity that acts by inhibiting respiratory enzymes in the cytoplasmic membrane of target organisms like bacteria, fungal cells, protozoa.

H3Q Max combines with the prosthetic Metallic group of respiratory enzymes in the cytoplasmic membrane of living organism, depriving respiration & thus death of pathogenic organism.

H3Q Max is widely used internationally to promote better growth rates in animals and birds. It also demonstrates higher feed conversion efficiency non-specifically regulates the tone & motility of smooth muscles of intestines, it actively depresses the metabolism of the gastro-intestinal (GI) tract of animals and birds, which enhances the transit time of feed in the intestine. This augments the absorption procedure of nutrients and the overall digestion system thus slows down gut motility & allowing the food to stay for a long time in intestine. This helps in better absorption of nutrients less wastage of feed & high yield / weight of species



A TIME-TESTED HEALTH MANAGER IN POULTRY, PORCINE & AQUA SPICES.

PORCINE - Mechanism of Action

