

GARASOL[®] INJECTION

(Brand of Gentamicin Sulfate)

For Veterinary Use Only

Description

Each milliliter of GARASOL Injection contains gentamicin sulfate, USP equivalent to 100 mg gentamicin base; 3.2 mg sodium bisulfite; 0.1 mg edetate disodium; 4.5 mg sodium acetate; anhydrous; 3.0 mg glacial acetic acid; 0.8 mg methylparaben and 0.1 mg propylparaben as preservatives; water for injection q.s.

Chemistry

Gentamicin sulfate, USP is a bactericidal aminoglycoside antibiotic derived from *Micromonospora purpurea* of the Actinomycetes group. It is a powder, readily soluble in water and basic in nature. Gentamicin aqueous solutions do not require refrigeration and are stable over a wide range of temperatures and pH.

Indications

Day-old chickens – GARASOL Injection is recommended for the prevention of early mortality associated with *Escherichia coli*, *Salmonella typhimurium*, and *Pseudomonas aeruginosa* susceptible to gentamicin sulfate. Turkeys – As an aid in the prevention of early mortality of 1- to 3-day-old turkeys associated with *Arizona paracolon* infections susceptible to gentamicin sulfate.

Dosage and Administration

Chickens:

Each day-old chicken should be aseptically injected subcutaneously in the neck with GARASOL Injection diluted with sterile, physiologic saline solution to provide 0.2 mg gentamicin in a 0.2-mL dose. This concentration can be provided by diluting GARASOL Injection as follows:

GARASOL Injection mL	Sterile Saline mL	Dose/Chicken	
		# Doses	mL
1	99	500	0.2
2	198	1000	0.2
4	396	2000	0.2
10	990	5000	0.2
100 (1 bottle)	9900	50000	0.2

Turkeys:

Each 1- to 3-day-old turkey should be aseptically injected subcutaneously in the neck with GARASOL Injection diluted with sterile, physiologic saline solution to provide 1 mg gentamicin in a 0.2-mL dose. The dose should be injected under the loose skin on top of the neck, halfway between the head and base of the neck. This concentration can be provided by diluting GARASOL Injection as follows:

GARASOL Injection mL	Sterile Saline mL	Dose/Chicken	
		# Doses	mL
1	19	100	0.2
2	38	200	0.2
4	76	400	0.2
10	190	1000	0.2
100 (1 bottle)	1900	10000	0.2

Clean and sterilize needles and syringes by boiling in water for 15 minutes prior to use. Disinfect the injection site and top of the bottle with a suitable disinfectant, such as 70% isopropyl alcohol. Use all precautions to prevent contamination of vial contents.

Warning

For use in day-old chickens and 1- to 3-day-old turkeys only. Chickens injected with GARASOL Injection must not be slaughtered for food for at least five (5) weeks following treatment. Turkeys injected with GARASOL Injection must not be slaughtered for food for at least nine (9) weeks following treatment.

Precautions

Store between 2° and 30°C (36° and 86°F).

Contact our sales or technical services representatives to help design a custom vaccination program.

