

GARASOL[®] INJECTION

(Gentamicin Sulfate, USP)

For the prevention of early mortality in day old chickens caused by *Escherichia coli*, *Salmonella typhimurium*, and *Pseudomonas aeruginosa* susceptible to gentamicin sulfate. For the prevention of early mortality in 1 to 3 day old turkey poults caused by *Arizona paracolon* susceptible to gentamicin sulfate.

ADVANTAGES:

- Significantly reduces early chick and poult mortality
- Bactericidal at low levels
- Safe for crews to handle
- No side effects observed when used as directed

Garasol[®] Injection (gentamicin sulfate) is one of the broadest-spectrum antibiotics available in the animal health market. Efficacy and safety has been demonstrated by extensive field trials. No adverse effects were noted, and Garasol Injection is safe for crews to handle.

Residue Warnings:

Chickens injected with Garasol Injection must not be slaughtered for food at least 5 weeks following treatment. Turkeys injected with Garasol Injection must not be slaughtered for food for at least 9 weeks following treatment.



100 mg/100 mL vials

GARASOL® INJECTION

(Gentamicin Sulfate, USP)



For Animal Use Only.
NADA #101-862, Approved by FDA.

Injection - 100 mg/mL
Anti-Infective for
Day Old Chickens and One to
Three Day Old Turkeys

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 veterinary 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 mL	Sterile Saline mL	# Doses	Dose/ Chicken 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 mL	Sterile Saline mL	# Doses	Dose/ Turkey 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 5 weeks following treatment. Turkeys injected with Garasol Injection must not be slaughtered for food for at least 9 weeks following treatment.

How Supplied

Garasol Injection, 100 mg/mL is available in 100 mL multiple-dose vials, NDC 0061-0134-01.

STORE BETWEEN 2° AND 30°C (36° AND 86°F).

Intervet Inc. (d/b/a Merck Animal Health) Madison, NJ 07940
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Contact our sales or technical services representatives to help design a custom vaccination program.