Tulissin®-100-
(tulathromycin injection)

Protect Your Investment

Guidelines and Label Directions:

Indications

Swine

TULISSIN 100 (tulathromycin injection) is indicated for the treatment of swine respiratory disease (SRD) associated with *Actinobacillus pleuropneumoniae, Pasteurella multocida, Bordetella bronchiseptica, Haemophilus parasuis* and *Mycoplasma hyopneumoniae*; and for the control of SRD associated with *Actinobacillus pleuropneumoniae, Pasteurella multocida* and *Mycoplasma hyopneumoniae* in groups of pigs where SRD has been diagnosed.

Dosing/Administration:

Swine

Inject intramuscularly as a single dose in the neck at a dosage of 2.5 mg/kg (0.25 mL/22 lb) body weight (BW). Do not inject more than 2.5 mL per injection site.

Withdrawl Period:

Swine

Swine intended for human consumption must not be slaughtered within 5 days from the last treatment.

Packaging:

TULISSIN 100 Injectable Solution is available in the following package sizes: 50 mL vial; 100 mL vial; 250 mL vial; 500 mL vial.

Storage:

Store at or below 30° C (86° F). Use within 45 days of first puncture and puncture a maximum of 20 times. Consider using automatic injection equipment or a repeater syringe. When using a needle or draw-off spike larger than 16 gauge, discard any remaining product immediately after use.

Take a New Breath

If you trust your herd with tulathromycin, then you need TULISSIN 100 Injectable Solution.

- **Goes to work in minutes**[1]
- Concentrates in the **most susceptible areas** of the respiratory system
- Provides **nine days** of lung activity to treat and control SRD[2]
- **New, patented**[3] **container design** features an easy-grip silicone shell that offers excellent shock-absorption properties. The innovative shell helps dramatically reduce the risk of economic loss, environmental contamination and lack of compliance if treatment is stopped.

This exclusive packaging protects 250 mL and 500 mL vials against breakage, providing 92% resistance[4] **when dropped multiple times from a height of up to four feet.**

Scan the QR code to see the protective shell in action.

TULISSIN 100 injectible solution is available for use in large pigs. Note: Effects on swine reproduction have not been determined.

TULISSIN 100 mg/mL for swine: 1 mL/90 lb BW

[1] Villarino N, Brown SA, Martín-Jiménez T. Understanding the pharmacokinetics of tulathromycin: a pulmonary perspective. *J Vet Pharmacol Ther.* 2014;37(3):211-221.
[2] Waag TA, Bradford JR, Lucas MJ, et al. Duration of effectiveness of tulathromycin injectable solution in an Actinobacillus pleuropneumoniae respiratory-disease challenge modelin swine. *J Swine Health Prod.* 2008;16(3):126–130.
[3] Patent application n°WO2019201812 Registered international design n°DM/103483.
[4] Internal study.

IMPORTANT SAFETY INFORMATION FOR SWINE TULISSIN® 100 (tulathromycin injection): Ensure a pre-slaughter withdrawal time of five (5) days in swine. The effects of tulathromycin on swine reproductive performance, pregnancy and lactation have not been determined. Do not use in animals known to be hypersensitive to the product.

Marketed by

Pharmgate ANIMAL HEALTH

Virbac Corporation 1301 Solana Boulevard, Building 2, Suite 2400
Westlake, TX 76262. https://vet-us.virbac.com/home.html

Virbac

Shaping the future of animal health

Brief Summary of Prescribing Information for Cattle
Before using TULISSIN® 100 (tulathromycin injection) Injectable Solution consult the product insert, a summary of which follows:

Virbac Tulissin®100 (tulathromycin injection) Injectable Solution

Antibiotic
100 mg of tulathromycin/mL
For use in beef cattle (including suckling calves), non-lactating dairy cattle (including dairy calves), veal calves, and swine. Not for use in female dairy cattle 20 months of age or older.

CAUTION: Federal (USA) law restricts this drug to use by or on the order of a licensed veterinarian.

INDICATIONS:
Beef and Non-Lactating Dairy Cattle
BRD - TULISSIN 100 Injectable Solution is indicated for the treatment of bovine respiratory disease (BRD) associated with *Mannheimia haemolytica, Pasteurella multocida, Histophilus somni,* and *Mycoplasma bovis*; and for the control of respiratory disease in cattle at high risk of developing BRD associated with *Mannheimia haemolytica, Pasteurella multocida, Histophilus somni*, and *Mycoplasma bovis*.

IBK - TULISSIN 100 Injectable Solution is indicated for the treatment of infectious bovine keratoconjunctivitis (IBK) associated with *Moraxella bovis*.

Foot Rot - TULISSIN 100 Injectable Solution is indicated for the treatment of bovine foot rot (interdigital necrobacillosis) associated with *Fusobacterium necrophorum* and *Porphyromonas levii*.

Suckling Calves, Dairy Calves, and Veal Calves
BRD - TULISSIN 100 Injectable Solution is indicated for the treatment of BRD associated with *M. haemolytica, P. multocida, H. somni*, and *M. bovis*.

DOSAGE AND ADMINISTRATION
Cattle
Inject subcutaneously as a single dose in the neck at a dosage of 2.5 mg/kg (1.1 mL/100 lb) body weight (BW). Do not inject more than 10 mL per injection site.

Table 1. TULISSIN 100 Injectable Solution Cattle Dosing Guide (100 mg/mL) (refer to Table 1 on product insert)

Animal Weight (Pounds)	Dose Volume (mL)
100	1.1
200	2.3
300	3.4
400	4.5
500	5.7
600	6.8
700	8.0
800	9.1
900	10.2
1000	11.4

CONTRAINDICATIONS
The use of TULISSIN 100 Injectable Solution is contraindicated in animals previously found to be hypersensitive to the drug.

WARNINGS
FOR USE IN ANIMALS ONLY.
NOT FOR HUMAN USE.
KEEP OUT OF REACH OF CHILDREN.
NOT FOR USE IN CHICKENS OR TURKEYS.

RESIDUE WARNINGS
Cattle
Cattle intended for human consumption must not be slaughtered within 18 days from the last treatment. This drug is not approved for use in female dairy cattle 20 months of age or older, including dry dairy cows. Use in these cattle may cause drug residues in milk and/or in calves born to these cows.

PRECAUTIONS
Cattle
The effects of TULISSIN 100 Injectable Solution on bovine reproductive performance, pregnancy, and lactation have not been determined. Subcutaneous injection can cause a transient local tissue reaction that may result in trim loss of edible tissue at slaughter.

ADVERSE REACTIONS
Cattle
In one BRD field study, two calves treated with tulathromycin injection (100 mg/mL) at 2.5 mg/kg BW exhibited transient hypersalivation. One of these calves also exhibited transient dyspnea, which may have been related to pneumonia.

STORAGE CONDITIONS:
Store at or below 30°C (86°F). Use within 45 days of first puncture and puncture a maximum of 20 times. Consider using automatic injection equipment or repeater syringe. When using a needle or draw-off spike larger than 16 gauge, discard any remaining product immediately after use.

Manufactured for:
Virbac AH, Inc.
P.O. Box 162059, Fort Worth, TX 76161
Made in France

Approved by FDA under ANADA # 200-669

To report suspected adverse drug events, for technical assistance or to obtain a copy of the Safety Data Sheet (SDS), contact Virbac AH, Inc. at 1-800-338-3659 or us.virbac.com. For additional information about adverse drug experience reporting for animal drugs, contact FDA at 1-888-FDA-VETS or http://www.fda.gov/reportanimalae.

TAKE TIME OBSERVE LABEL DIRECTIONS

Rev. 10/21

Brief Summary of Prescribing Information for Swine
Before using TULISSIN® 100 (tulathromycin injection) consult the product insert, a summary of which follows:

Virbac Tulissin®100 (tulathromycin injection) Injectable Solution

Antibiotic
100 mg of tulathromycin/mL
For use in swine.

CAUTION: Federal (USA) law restricts this drug to use by or on the order of a licensed veterinarian.

INDICATIONS:
Swine
TULISSIN 100 Injectable Solution is indicated for the treatment of swine respiratory disease (SRD) associated with *Actinobacillus pleuropneumoniae, Pasteurella multocida, Bordetella bronchiseptica, Haemophilus parasuis*, and *Mycoplasma hyopneumoniae*; and for the control of SRD associated with *Actinobacillus pleuropneumoniae, Pasteurella multocida,* and *Mycoplasma hyopneumoniae* in groups of pigs where SRD has been diagnosed.

DOSAGE AND ADMINISTRATION
Inject intramuscularly as a single dose in the neck at a dosage of 2.5 mg/kg (0.25 mL/22 lb) BW. Do not inject more than 2.5 mL per injection site.

Table 1. TULISSIN 100 Swine Dosing Guide. (refer to table 2 on product insert)

Animal Weight (Pounds)	Dose Volume (mL)
15	0.2
30	0.3
50	0.6
70	0.8
90	1.0
110	1.3
130	1.5
150	1.7
170	1.9
190	2.2
210	2.4
230	2.6
250	2.8
270	3.1
290	3.3

CONTRAINDICATIONS
The use of TULISSIN 100 Injectable Solution is contraindicated in animals previously found to be hypersensitive to the drug.

WARNINGS
FOR USE IN ANIMALS ONLY.
NOT FOR HUMAN USE.
KEEP OUT OF REACH OF CHILDREN.
NOT FOR USE IN CHICKENS OR TURKEYS.

RESIDUE WARNINGS
Swine intended for human consumption must not be slaughtered within 5 days from the last treatment.

PRECAUTIONS
Swine
The effects of TULISSIN 100 on porcine reproductive performance, pregnancy, and lactation have not been determined. Intramuscular injection can cause a transient local tissue reaction that may result in trim loss of edible tissue at slaughter

ADVERSE REACTIONS
Swine
In one field study, one out of 40 pigs treated with tulathromycin injection 100 mg/mL at 2.5 mg/kg BW exhibited mild salivation that resolved in less than four hours.

STORAGE CONDITIONS:
Store at or below 30°C (86°F). Use within 45 days of first puncture and puncture a maximum of 20 times. Consider using automatic injection equipment or repeater syringe. When using a needle or draw-off spike larger than 16 gauge, discard any remaining product immediately after use.

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