

Triamulox™

(tiamulin hydrogen fumarate)

BENEFITS

- A liquid concentrate formulation of tiamulin hydrogen fumarate to effectively treat swine dysentery, swine pneumonia or both^{1,2}
- High-potency, low-resistant tiamulin hydrogen fumarate is widely considered to be the most effective antimicrobial against swine dysentery caused by *Brachyspira hyodysenteriae*.²⁻⁴
- Five-day dosing in drinking water with no age restrictions enables quick, effective, whole-herd treatment!^{1,2}



PACKAGING

- Available in 1-quart (32 fl. oz.; 946 mL) and 5-quart (160 fl. oz.; 4730 mL) bottles and contains a 12.3% concentration of tiamulin hydrogen fumarate (THF) in the solution
- One-quart bottle contains 4.1 oz. (116.4 g) THF in solution
- Five-quart bottle contains 20.5 oz. (582 g) THF in solution

STORAGE

- Protect from direct sunlight. Store between 20°C and 25°C (68°F and 77°F) with excursions permitted between 15°C and 40°C (59°F and 104°F)
- Observe expiration date

INDICATIONS

TRIAMULOX™ (*tiamulin hydrogen fumarate*) Liquid Concentrate, when administered in the drinking water for five consecutive days, is an effective antibiotic for the treatment of swine dysentery associated with *Brachyspira* (formerly *Serpulina* or *Treponema*) *hyodysenteriae* susceptible to tiamulin at a dose level of 3.5 mg tiamulin hydrogen fumarate per pound of body weight daily and for treatment of swine pneumonia due to *Actinobacillus pleuropneumoniae* susceptible to tiamulin when given at 10.5 mg tiamulin hydrogen fumarate per pound of body weight daily.

DOSAGE AND ADMINISTRATION

- The concentration of TRIAMULOX in the drinking water must be adjusted to compensate for variation in water consumption due to weight or size of the pig, environmental temperature and other factors.
- It is important that pigs receive the proper dose, 3.5 mg tiamulin hydrogen fumarate per pound for swine dysentery or 10.5 mg tiamulin hydrogen fumarate per pound for swine pneumonia, each day for five consecutive days.
- Prepare fresh medicated drinking water every day for the five-day treatment period.
- Water medicated with TRIAMULOX should be the only source of drinking water during the treatment period.
- See Dosage and Administration continued on opposite side.

Directions for using TRIAMULOX Liquid Concentrate in medicated proportioners: 1 quart of TRIAMULOX mixed with water to make 4 gallons of stock solution, and this stock solution metered at 1 fluid ounce per gallon will provide 227 mg of tiamulin hydrogen fumarate per gallon to 512 gallons of drinking water for treatment of swine dysentery. Three quarts of TRIAMULOX mixed with water to make 4 gallons of stock solution, and this stock solution metered at 1 fluid ounce per gallon will provide 681 mg tiamulin hydrogen fumarate per gallon to a total of 512 gallons of drinking water for treatment of swine pneumonia.

VETERINARY OVERSIGHT

While TRIAMULOX is not a prescription product, as with all antibiotics, we recommend producers work with their veterinarian to properly diagnose the disease being treated and the most effective treatment for their pigs.

Triamulox™

(tiamulin hydrogen fumarate)

DOSAGE AND ADMINISTRATION (CONTD)

Directions for preparing TRIAMULOX™ (*tiamulin hydrogen fumarate*) Liquid Concentrate medicated solutions: Determine the amount of TRIAMULOX needed to medicate the desired volume of drinking water at the proper concentration. Carefully measure the amount of TRIAMULOX, add water to achieve the desired total volume of stock solution or drinking water, and thoroughly mix.

TRIAMULOX™ (*tiamulin hydrogen fumarate*) LIQUID CONCENTRATE

Net tiamulin hydrogen fumarate content per 1-quart bottle	116,400 mg	
Diseases to be treated:	Swine dysentery	Swine pneumonia
Daily tiamulin hydrogen fumarate required per pound body weight:	3.5 mg	10.5 mg
Required treatment duration:	5 days	
Pig body weight this bottle will treat for ONE day:	33,257 lb.	11,086 lb.
Number of pigs this bottle will treat for ONE day:		
Pig body weight (lb.)		
20	1,663	554
45	739	246
75	443	148
125	266	88
180	185	62
Suggested final dilution of:		
1 bottle	512 gal.	—
3 bottles	—	512 gal.
½ pint (8 oz.)	128 gal.	43 gal.
1 ½ pints (24 oz.)	—	128 gal.
Tiamulin hydrogen fumarate concentration per gallon at suggested final dilution*	227 mg (60 ppm)	681 mg (180 ppm)
Mixing a 4-gallon stock solution	1 quart TRIAMULOX	3 quarts TRIAMULOX

*Note: Increase or decrease dilution rate as required to obtain proper daily drug dose.

Please see Product Label for full dosage information.

IMPORTANT SAFETY INFORMATION

Withdraw medicated water 3 days before slaughter after use at 3.5 mg per pound and 7 days before slaughter after use at 10.5 mg per pound. Refer to label for complete directions for use, precautions, and warnings.

CONTACT INFORMATION

Technical inquiries should be directed to Zoetis customer service at 888-ZOETIS1 (888-963-8471).

For additional information, contact your local Zoetis representative.

†TRIAMULOX [Package insert]. Kalamazoo, Mich: Zoetis Inc., 2016.

‡Wilberts BL, Arruda PH, Warneke HL, Erlandson KR, Hammer JM, Burrough ER. Cessation of clinical disease and spirochete shedding after tiamulin treatment in pigs experimentally infected with "*Brachyspira hamptonii*." *Res Vet Sci*. 2014;97(2):341-347.

§Freedom of Information Summary for ANADA 200-512. <https://animaldrugsatfda.fda.gov/adafda/app/search/public/document/downloadFoi/1208>. Updated November 7, 2014. Accessed May 1, 2018.

*Krasucka D, Mitura A, Cybulski W, Kos K, Pietron W. Tiamulin hydrogen fumarate—veterinary uses and HPLC method of determination in premixes and medicated feeding stuffs. *Acta Pol Pharm*. 2010;67(6):682-685.