



## TECHNICAL NOTES



# Ampiclox® L.C.

## Lactating Cow Intramammary Antibiotic Infusion



### Active Constituents

Ampicillin (as the sodium salt) 75 mg per syringe

Cloxacillin (as the sodium salt) 200 mg per syringe

### Actions

In combination, ampicillin and cloxacillin have a synergistic action against Gram-positive and Gram-negative bacteria. Cloxacillin is thought to bind to the  $\beta$ -lactamase enzyme and thus prevents the enzyme acting on ampicillin. The two drugs are therefore able to effectively control a range of Gram-positive and Gram-negative organisms.

Ampiclox® L.C. is distributed well within the udder and shows bactericidal activity at the concentrations achieved in the udder against all major Gram-positive and Gram-negative bacteria associated with mastitis, with no irritant properties

Ampiclox® L.C. is highly effective against *Streptococci*, penicillin resistant and sensitive *Staphylococci*, *Corynebacterium pyogenes* and *Escherichia coli* and other Gram-negative organisms.

It is therefore active against all major causative organisms of mastitis.

### Indications

- Routine treatment of clinical mastitis in lactating dairy cows.
- Treatment of clinical mastitis when the cause of infection is unidentified or where the presence of coliforms are suspected or known to be present as a problem on the farm.

### Contraindications

This product should not be used in cows exhibiting sensitivity to penicillin.

### Precautions

Wear sanitized rubber gloves when infusing the suspension.





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### Withholding Periods

**Milk:** Milk taken from cows within 72 hours (6 milkings) following treatment MUST NOT BE USED for human consumption or processing, or fed to bobby calves.

**Meat:** DO NOT USE less than 30 days before slaughter or human consumption.

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### Trade Advice

Export Slaughter Interval (ESI): This product does not have an ESI established. For advice on the ESI, contact Jurox Pty Limited on 1800 023 312 before using the product.

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### Dosage and Administration

Wear clean, rubber gloves when applying.

After milking is complete, clean and disinfect the teat with an approved teat disinfectant, and ensure the teat end is dry. Wear clean rubber gloves when applying. Insert the nozzle fully into the teat canal and apply gentle and continuous pressure on the plunger until all the suspension is expressed. Holding the end of the teat in one hand, gently massage upwards with the other to aid dispersion of the antibiotic into the quarter. Dip all teats into an approved teat disinfectant after infusion.

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### First Aid

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone: Australia 13 1126.

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### Presentation

Syringe containing 3 grams.

Box of 20 syringes

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### Storage

Store below 25°C (air conditioning).

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### Poisons Schedule

S4.

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### Registration Numbers

APVMA No. 35849

