

CEFAGENT INTRAMAMMARY SUSPENSION

(FOR LACTATING COWS)

For Veterinary Use Only

COMPOSITION:

Each 10ml syringe contains:

Cephalexin as monohydrate.....350mg

Gentamicin as sulphate.....35mg

INDICATIONS:

Its broad spectrum acts against the gram-positive and gram-negative bacteria like streptococcus species, staphylococcus species, E-coli, Pseudomonas aeruginosa and candida species that cause mastitis.

PHARMACOLOGY:

Cephalexin works by disrupting bacterial cell wall synthesis, leading to bacterial death. It is effective against gram-positive and some gram-negative bacteria. It's commonly used for urinary tract infections, respiratory infections, and skin infections. It is absorbed quickly from the gastrointestinal tract, has a half-life of about 1 hour, and is excreted unchanged in the urine. Gentamicin inhibits bacterial protein synthesis by binding to the ribosome. It mainly targets aerobic gram-negative bacteria and some gram-positive bacteria. Gentamicin is used for serious infections and is typically administered intravenously or intramuscularly. It is excreted unchanged by the kidneys, with a half-life of 2-3 hours. Together, these antibiotics are used for mixed bacterial infections, but gentamicin requires monitoring due to its potential nephrotoxicity and ototoxicity.

DOSAGE AND ADMINISTRATION:

Cattle: infuse one syringe per affected quarter and repeat after 12-24 hours.

Sheep and goat: half syringe per test and

repeat after 12-24 hours.

ADMINISTRATION:

Wash teats thoroughly with warm water containing a suitable dairy antiseptic. Dry teats thoroughly. Milk out udder completely. Twist off the outer cap with your thumb and forefinger, insert the exposed full cannula gently into the teat and push the syringe plunger continuously until the infusion is injected.

PRECAUTIONS:

This is disposable syringe; it cannot be re used.

Do not use in animals' hypersensitivity to active ingredient.

Consult the veterinarian before use.

Keep out of the reach of children.

Store between 15-25^o centigrade in a cool and dry place.

WITHDRAWAL TIME:

Milk: 04 days

Innovator's Specs.



Manufactured by:
Selmore Pharmaceuticals (Pvt) Ltd.
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ISO CERTIFIED COMPANY