

**LACTATED RINGERS SOLUTION- lactated ringers solution injection, solution
Aspen Veterinary**

Disclaimer: This drug has not been found by FDA to be safe and effective, and this labeling has not been approved by FDA. For further information about unapproved drugs, click here.

**Lactated Ringers Solution
Sterile Solution**

CAUTION:

Federal law restricts this drug to use by or on the order of a licensed veterinarian.

FOR ANIMAL USE ONLY

KEEP OUT OF REACH OF CHILDREN

Net Contents: 1000 mL (33.81 fl oz)

INDICATIONS:

For the correction of electrolyte depletion, metabolic acidosis and dehydration of cattle, calves, horses, sheep and swine.

DOSAGE AND ADMINISTRATION:

May be injected intravenously, subcutaneously or intraperitoneally (except in horses) using strict aseptic technique.

CattleandHorses: 2 to 5 mL per pound of body weight depending on size and condition of animal, repeated 1 to 3 times daily or as needed.

SwineandSheep: 2 to 5 mL per pound of body weight depending on size and condition of animal, repeated 1 to 3 times daily or as needed.

If administered subcutaneously divide the dosage into several sites of injection and massage points of injection to aid in absorption and help prevent inflammation and/or sloughing.

TAKE TIME OBSERVE LABEL DIRECTIONS

EACH 100 ML CONTAINS:

Sodium Chloride.....600 mg
Sodium Lactate.....310 mg
Potassium Chloride.....30 mg
Calcium Chloride Dihydrate.....20 mg
Water for Injection.....q.s.

The Calcium, Potassium and Sodium contents are approximately 2.7, 4.0, and 130 mEq/liter, respectively.

Total Osmolar Concentration: 269 mOsm per liter (calculated).

CAUTION:

Solution should be warmed to body temperature prior to administration and administered at a slow rate. This is a single dose unit. It contains no preservatives. Use entire contents when first opened.

WARNING:

Do not administer to horses by intraperitoneal injection. Do not administer to animals with inadequate renal function. Not for use in lactic acidosis.

Store between 15°C - 30°C (59°F - 86°F).

Distributed by:

Aspen Veterinary Resources, ® Ltd.
Liberty, MO 64068 USA

www.aspenveterinaryresources.com

A208NT

05/15

Manufactured by:

Nova-Tech, Inc.
Grand Island, NE 68801 USA

18-803

RMS# 92-500

NDC# 46066-803-60

Lot No.

Exp. Date

INDICATIONS:

For the correction of electrolyte depletion, metabolic acidosis and dehydration of cattle, calves, horses, sheep and swine.

DOSAGE AND ADMINISTRATION:

May be injected intravenously, subcutaneously or intraperitoneally (except in horses) using strict aseptic technique.

Cattle and Horses: 2 to 5 mL per pound of body weight depending on size and condition of animal, repeated 1 to 3 times daily or as needed.

Swine and Sheep: 2 to 5 mL per pound of body weight depending on size and condition of animal, repeated 1 to 3 times daily or as needed.

If administered subcutaneously divide the dosage into several sites of injection and massage points of injection to aid in absorption and help prevent inflammation and/or sloughing.

Distributed by:

Aspen Veterinary Resources,® Ltd.
Liberty, MO 64068 USA
www.aspenveterinaryresources.com

A208NT 05/15

Manufactured by:

Nova-Tech, Inc.
Grand Island, NE 68801 USA

18-803
RMS# 92-500

NDC# 46066-803-60

aspen
VETERINARY RESOURCES, LTD.

Lactated Ringers Solution**Sterile Solution**

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

For Animal Use Only
Keep Out of Reach of Children

NET CONTENTS:
1000 mL (33.81 fl oz)

EACH 100 ML CONTAINS:

Sodium Chloride.....600 mg
Sodium Lactate.....310 mg
Potassium Chloride.....30 mg
Calcium Chloride Dihydrate.....20 mg
Water for Injection.....q.s.

The Calcium, Potassium and Sodium contents are approximately 2.7, 4.0, and 130 mEq/liter, respectively.

Total Osmolar Concentration: 269 mOsm per liter (calculated).

CAUTION: Solution should be warmed to body temperature prior to administration and administered at a slow rate. This is a single dose unit. It contains no preservatives. Use entire contents when first opened.

WARNING: Do not administer to horses by intraperitoneal injection. Do not administer to animals with inadequate renal function. Not for use in lactic acidosis.

Store between 15°C-30°C (59°F-86°F).

TAKE TIME  OBSERVE LABEL DIRECTIONS



Lot No. Exp. Date

LACTATED RINGERS SOLUTION

lactated ringers solution injection, solution

Product Information

Product Type	PRESCRIPTION ANIMAL DRUG	Item Code (Source)	NDC:46066-803
Route of Administration	INTRAVENOUS, SUBCUTANEOUS, INTRAPERITONEAL		

Active Ingredient/Active Moiety

Ingredient Name	Basis of Strength	Strength
Sodium Chloride (UNII: 451W47IQ8X) (Sodium Cation - UNII:LYR4M0NH37)	Sodium Chloride	600 mg in 100 mL
Sodium Lactate (UNII: TU7HW0W0QT) (Sodium Cation - UNII:LYR4M0NH37)	Sodium Lactate	310 mg in 100 mL
Potassium Chloride (UNII: 660YQ98I10) (Potassium Cation - UNII:295O53K152)	Potassium Chloride	30 mg in 100 mL
Calcium Chloride (UNII: M4I0D6VV5M) (Calcium Cation - UNII:2M83C4R6ZB)	Calcium Chloride	20 mg in 100 mL

Packaging

#	Item Code	Package Description	Marketing Start Date	Marketing End Date
1	NDC:46066-803-60	1000 mL in 1 BOTTLE, PLASTIC		

Marketing Information

Marketing Category	Application Number or Monograph Citation	Marketing Start Date	Marketing End Date
unapproved drug			

unapproved drug other		04/01/2013	
--------------------------	--	------------	--

Labeler - Aspen Veterinary (627265361)

Revised: 4/2024

Aspen Veterinary