

LACTATED RINGERS- lactated ringers injection, solution

Nova-Tech, Inc.

Reference Label Set Id: e4d8dbc5-6c0e-4a3c-8efe-ed6dc365fc71

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

Composition

Each 100 mL of sterile aqueous solution 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).

Each 100 mL contains Sodium Chloride 600 mg; Sodium Lactate 310 mg; Potassium Chloride 30 mg; Calcium Chloride, Dihydrate 20 mg in Water for Injection.

May contain HCL or NaOH for pH adjustment.

mEq/Liter: Sodium 130; Chloride 109; Lactate 28; Potassium 4.0; Calcium 2.7.

Osmolarity: 269 mOsmol/liter (calc.).

pH: 6.6 (6.0 - 7.5).

INDICATIONS

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

DOSAGE & 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.

As directed by a veterinarian. Dosage is dependent upon the age, weight and clinical condition of the patient as well as laboratory determinations.

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.

Solution should be warmed to body temperature prior to administration and administered at a slow rate. Sterile nonpyrogenic solution. Use only if solution is clear and container is undamaged. This is a single dose unit. It contains no preservatives. Use promptly upon initial entry. If entire contents are not used, discard unused portion. Not for use in the treatment of lactic acidosis. Squeeze and inspect inner bag which maintains product sterility. Discard if leaks are found or if the solution contains visible solid particles.

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

KEEP OUT OF REACH OF CHILDREN

RX only.

STERILE SOLUTION

FOR ANIMAL USE ONLY

CAUTION:

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

Manufactured by:

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

NDC# 65207-803-60

Nova-Tech®

Animal Health

Net Contents:

1000 mL (33.81 fl oz)

Lot No.

Exp. Date

Filled in USA

DEHP-free

NDC # 65207-803-61

18-803

RMS# 92-2111

365207803613

NDC # 65207-803-80

18-803

RMS 92-2112

365207803803

Indications

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

Dosage & Administration

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Manufactured by:

Nova-Tech, Inc. 18-803
Grand Island, NE 68801 USA RMS 92-360

NDC# 65207-803-60



Lactated Ringers

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)

Composition

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

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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).



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NOVA-TECH
ANIMAL HEALTH

Lactated Ringers

Sterile Solution

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

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Lot No.

Exp. Date



LACTATED RINGER'S Injection

Approx.

100

FOR ANIMAL USE ONLY

1000 mL (33.81 fl. oz.)

200

ACTIVE INGREDIENTS: EACH 100 mL CONTAINS SODIUM

CHLORIDE 600 MG; SODIUM LACTATE 310 mg;
POTASSIUM CHLORIDE 30 mg; CALCIUM CHLORIDE,
DIHYDRATE 20 mg IN WATER FOR INJECTION.

300

MAY CONTAIN HCl OR NaOH FOR pH ADJUSTMENT.

mEq/LITER: SODIUM 130; CHLORIDE 109;

LACTATE 28; POTASSIUM 4.0; CALCIUM 2.7.

OSMOLARITY: 269 mOsmol/LITER (CALC.).

400

pH: 6.6 (6.0 - 7.5).

DOSAGE AND ADMINISTRATION: AS DIRECTED BY A
VETERINARIAN. DOSAGE IS DEPENDENT UPON THE
AGE, WEIGHT AND CLINICAL CONDITION OF THE
PATIENT AS WELL AS LABORATORY DETERMINATIONS.

500

CAUTION: SOLUTION SHOULD BE WARMED TO
BODY TEMPERATURE PRIOR TO ADMINISTRATION
AND ADMINISTERED AT A SLOW RATE. STERILE
NONPYROGENIC SOLUTION. USE ONLY IF
SOLUTION IS CLEAR AND CONTAINER IS UNDEMANAGED.
THIS IS A SINGLE DOSE UNIT. IT CONTAINS NO
PRESERVATIVES. USE PROMPTLY UPON INITIAL
ENTRY. IF ENTIRE CONTENTS ARE NOT USED,
DISCARD UNUSED PORTION. NOT FOR USE IN
THE TREATMENT OF LACTIC ACIDOSIS. SQUEEZE AND
INSPECT INNER BAG WHICH MAINTAINS PRODUCT
STERILITY. DISCARD IF LEAKS ARE FOUND OR IF
THE SOLUTION CONTAINS VISIBLE SOLID PARTICLES.

600

WARNING: DO NOT ADMINISTER TO HORSES BY
INTRAPERITONEAL INJECTION.

700

STORAGE: STORE BETWEEN 15°C - 30°C. KEEP

FROM FREEZING.

KEEP OUT OF REACH OF CHILDREN

RX ONLY.

CAUTION: FEDERAL LAW RESTRICTS THIS DRUG
TO USE BY OR ON THE ORDER OF A LICENSED
VETERINARIAN.

FILLED IN U.S.A.

800

18-803

NDC # 65207-803-61 RMS# 92-2111



365207803613

NOVA-TECH[™]
ANIMAL HEALTH

900

LACTATED RINGERS INJECTION

Approx.

1000

FOR ANIMAL USE ONLY 5000 mL (169.07 fl. Oz.)

ACTIVE INGREDIENTS: EACH 100 mL CONTAINS SODIUM CHLORIDE 600 mg; SODIUM LACTATE 310 mg; POTASSIUM CHLORIDE 30 mg; CALCIUM CHLORIDE, DIHYDRATE 20 mg IN WATER FOR INJECTION. MAY CONTAIN HCl OR NaOH FOR pH ADJUSTMENT. 2000

mEq/LITER: SODIUM 130; CHLORIDE 109; LACTATE 28; POTASSIUM 4.0; CALCIUM 2.7.

OSMOLARITY: 269 mOsmol/LITER (CALC.).

pH: 6.6 (6.0—7.5).

DOSAGE AND ADMINISTRATION: AS DIRECTED BY A VETERINARIAN. DOSAGE IS DEPENDENT UPON THE AGE, WEIGHT AND CLINICAL CONDITION OF THE PATIENT AS WELL AS LABORATORY DETERMINATIONS.

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WARNING: DO NOT ADMINISTER TO HORSES BY INTRAPERITONEAL INJECTION.

STORAGE: STORE BETWEEN 15°C - 30°C. KEEP FROM FREEZING.

KEEP OUT OF REACH OF CHILDREN



RX ONLY

CAUTION: FEDERAL LAW RESTRICTS THIS DRUG TO USE BY OR ON THE ORDER OF A LICENSED VETERINARIAN. 4000

18-803

RMS# 92-2112

ASSEMBLED IN U.S.A. NDC# 65207-803-80

NOVA-TECH™
ANIMAL HEALTH



LACTATED RINGER'S Injection

Approx.

100

FOR ANIMAL USE ONLY

1000 mL (33.81 fl. oz.)

200

ACTIVE INGREDIENTS: EACH 100 mL CONTAINS SODIUM

CHLORIDE 600 MG; SODIUM LACTATE 310 mg;
POTASSIUM CHLORIDE 30 mg; CALCIUM CHLORIDE,
DIHYDRATE 20 mg IN WATER FOR INJECTION.

300

MAY CONTAIN HCl OR NaOH FOR pH ADJUSTMENT.

mEq/LITER: SODIUM 130; CHLORIDE 109;

LACTATE 28; POTASSIUM 4.0; CALCIUM 2.7.

OSMOLARITY: 269 mOsmol/LITER (CALC.).

400

pH: 6.6 (6.0 - 7.5).

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500

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INSPECT INNER BAG WHICH MAINTAINS PRODUCT
STERILITY. DISCARD IF LEAKS ARE FOUND OR IF
THE SOLUTION CONTAINS VISIBLE SOLID PARTICLES.

600

WARNING: DO NOT ADMINISTER TO HORSES BY
INTRAPERITONEAL INJECTION.

700

STORAGE: STORE BETWEEN 15°C - 30°C. KEEP

FROM FREEZING.

KEEP OUT OF REACH OF CHILDREN

RX ONLY.

CAUTION: FEDERAL LAW RESTRICTS THIS DRUG
TO USE BY OR ON THE ORDER OF A LICENSED
VETERINARIAN.

FILLED IN U.S.A.

800

18-803

NDC # 65207-803-61 RMS# 92-2111



365207803613

NOVA-TECH™
ANIMAL HEALTH

900

LACTATED RINGERS INJECTION

Approx.

1000

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WARNING: DO NOT ADMINISTER TO HORSES BY INTRAPERITONEAL INJECTION.

STORAGE: STORE BETWEEN 15°C - 30°C. KEEP FROM FREEZING.

KEEP OUT OF REACH OF CHILDREN



RX ONLY

CAUTION: FEDERAL LAW RESTRICTS THIS DRUG TO USE BY OR ON THE ORDER OF A LICENSED VETERINARIAN. 4000

18-803

RMS# 92-2112

ASSEMBLED IN U.S.A. NDC# 65207-803-80

NOVA-TECH™
ANIMAL HEALTH



LACTATED RINGERS

lactated ringers injection, solution

Product Information

Product Type	PRESCRIPTION ANIMAL DRUG	Item Code (Source)	NDC:65207-803
Route of Administration	INTRAVENOUS, SUBCUTANEOUS, INTRAPERITONEAL		

Active Ingredient/Active Moiety

Ingredient Name	Basis of Strength	Strength
SODIUM CHLORIDE (UNII: 451W47IQ8X) (CHLORIDE ION - UNII:Q32ZN48698)	SODIUM CHLORIDE	600 mg in 100 mL
SODIUM LACTATE (UNII: TU7HW0W0QT) (LACTIC ACID - UNII:33X04XA5AT)	SODIUM LACTATE	310 mg in 100 mL
POTASSIUM CHLORIDE (UNII: 660YQ98I10) (POTASSIUM CATION - UNII:295O53K152)	POTASSIUM CATION	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:65207-803-60	1000 mL in 1 BOTTLE, PLASTIC		
2	NDC:65207-803-61	1000 mL in 1 BAG		
3	NDC:65207-803-80	5000 mL in 1 BAG		

Marketing Information

Marketing Category	Application Number or Monograph Citation	Marketing Start Date	Marketing End Date
unapproved drug other		03/18/2020	

Labeler - Nova-Tech, Inc. (196078976)

Revised: 10/2025

Nova-Tech, Inc.