

LACTATED RINGERS- sodium chloride, potassium chloride, sodium lactate and calcium chloride injection, solution
Baxter Healthcare Company

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 ringer's injection, usp in plastic container

Health Care Professional Letter



Important Prescribing Information

[November 6, 2024]

Subject: Temporary importation of 0.9% Sodium Chloride Injection, 5% Dextrose Injection, Lactated Ringer's Injection, and Plasma-Lyte A Injection from Alliston, Canada to address drug shortages

Dear Healthcare Professional,

To prevent a drug shortage of large-volume parenteral fluid drug products, Baxter Healthcare Corporation (Baxter) is coordinating with the U.S. Food and Drug Administration (FDA) to temporarily import the following products from Baxter's manufacturing facility in Alliston, Canada:

- 0.9% Sodium Chloride Injection, USP (250 mL, 500 mL, and 1,000 mL)
- 5% Dextrose Injection, USP (250 mL and 1,000 mL)
- Lactated Ringer's Injection, USP (500 mL and 1,000 mL)
- Plasma-Lyte A Injection, USP (1,000 mL)

FDA has not approved these products manufactured by Baxter's Alliston facility.

You may be provided with additional letters for other imported products you receive. Please read each letter in its entirety because each letter may contain different, product-specific information.

At this time, no other entity except Baxter is authorized by the FDA to import or distribute these products in the United States.

Effective immediately, and during this temporary period, Baxter will offer the following imported products:

Product name and description	Size	Product Code	Bags per Carton	NDC Code of a Single Bag
0.9% Sodium Chloride Injection, USP	250 mL	JB1322	30	0338-9604-01
	500 mL	JB1323	24	0338-9608-01
	1,000 mL	JB1324	12	0338-9612-01
5% Dextrose Injection, USP	250 mL	JB0062	30	0338-9830-01
	1,000 mL	JB0064	12	0338-9588-01
Lactated Ringer's Injection, USP	500 mL	JB2323	24	0338-9596-01
	1,000 mL	JB2324	12	0338-9600-01
Plasma-Lyte A Injection, USP	1,000 mL	JB2544	12	0338-9591-01

It is important to note the following:

- **The imported products do not have a linear barcode on the bag, rather they have a 2D barcode that contains the product Global Trade Identification Number (GTIN), lot number, and expiration date. The barcode on the imported product labels may not register accurately in U.S. scanning systems.** Alternative procedures should be followed to ensure that the correct drug product is being used in all systems and processes and administered to individual patients. For example, institutions should consider manually inputting the product into their systems and ensure that barcode systems provide correct information when the product is scanned. Barcodes containing the NDC number for each imported product will additionally be made available online.
- These products are available only by prescription in the U.S. However, the imported products do not have the statement "Rx only" on the labeling.
- The 250 mL products (0.9% Sodium Chloride Injection, USP and 5% Dextrose Injection, USP) are **not** compatible for admixing with Baxter's Vial-mate product.
- **USE A NEW BAG IF PARTICULATES ARE VISIBLE OR IF THE IV BAG CONTAINS A LEAK**

Additional key differences in the labeling between the FDA-approved products and the imported products are stated in the product comparison tables at the end of this letter as follows:

- Table 1 Key differences between FDA-approved and imported 0.9% Sodium Chloride Injection USP
- Table 2 Label images of FDA-approved and imported 0.9% Sodium Chloride Injection USP
- Table 3 Key differences between FDA-approved and imported 5% Dextrose Injection USP
- Table 4 Label images of FDA-approved and imported 5% Dextrose Injection USP
- Table 5 Key differences between FDA-approved and imported Lactated Ringer's Injection, USP
- Table 6 Label images of FDA-approved and imported Lactated Ringer's, USP
- Table 7 Key differences between FDA-approved and imported Plasma-Lyte A Injection, USP
- Table 8 Label images of FDA-approved and imported Plasma-Lyte A Injection, USP

Reporting Adverse Events or Product Quality Issues

To report **adverse events** associated with these imported products, please call Baxter at 1-866-888-2472, or fax: 1-800-759-1801. Adverse events or quality problems experienced with the use of these imported products may also be reported to the FDA's MedWatch Adverse Event Reporting program either online, by regular mail or by fax:

- Complete and submit the report **Online**: www.fda.gov/medwatch/report.htm
- **Regular mail or Fax**: Download form www.fda.gov/MedWatch/getforms.htm or call 1-800-332-1088 to request a reporting form, then complete and return to the address on the pre-addressed form, or submit by fax to 1-800-FDA-0178 (1-800-332-0178).

To report **product quality issues** associated with these imported products, please contact Baxter Product Surveillance through Baxter - Product Feedback Portal (<https://productfeedback.baxter.com/>).

Please refer to the FDA-approved prescribing information for each drug product as follows:

- 5% Dextrose Injection, USP (click [here](#))
- 0.9% Sodium Chloride Injection, USP (click [here](#))
- Lactated Ringers Injection, USP (click [here](#))

SI-ITT-CA-DHCP-202410-021, Rev 00

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Reportin Adverse Events or Product Quality Issues

To report **adverse events** associated with these imported products, please call Baxter at 1-866-888-2472, or fax: 1-800-759-1801. Adverse events or quality problems experienced with the use of these imported products may also be reported to the FDA's MedWatch Adverse Event Reporting program either online, or by regular mail or by fax:

- Complete and submit the report **Online**: <https://www.fda.gov/safety/medwatch-fda-safety-information-and-adverse-event-reporting-program>
- **Regular mail or Fax**: Download form <https://www.fda.gov/safety/medical-product-safety-information/medwatch-forms-fda-safety-reporting> or call 1-800-332-1088 to request a reporting form, then complete and return to the address on the pre-addressed form, or submit by fax to 1-800-FDA-0178 (1-800-332-0178)

To report **product quality issues** associated with these imported products, please contact Baxter Product Surveillance through Baxter - Product Feedback Portal (<https://productfeedback.baxter.com/>).

Please refer to the FDA-approved prescribing information for each drug product as follows:

- 5% Dextrose Injection, USP (click DailyMed - DEXTROSE- dextrose monohydrate injection, solution)
- 0.9% Sodium Chloride Injection, USP (click DailyMed - SODIUM CHLORIDE injection, solution)
- Lactated Ringers Injection, USP (click DailyMed - LACTATED RINGERS- sodium chloride, potassium chloride, sodium lactate and calcium chloride injection, solution)

- Plasma-Lyte Injection, USP ([click here](#))

If you have any questions about the information contained in this letter or the use of the imported products, please contact Baxter's Medical Information Service at 1-800-933-0303.

To place an order, please contact Baxter's Center for Service at 1-888-229-0001.

Sincerely,

Lee Ann Schuette

Lee Ann Schuette (Nov 6, 2024 16:07 CST)

Lee Ann Schuette

VP Global and US Marketing IV solutions, Clinical Nutrition, Pharmacy Tools
Baxter Healthcare Corporation

Baxter, Viaflex, and Plasma-Lyte are trademarks of Baxter International Inc.

Attachments:

Product Comparison Tables 1-8

- Plasma-Lyte Injection, USP (click DailyMed - PLASMA-LYTE A- sodium chloride, sodium gluconate, sodium acetate, potassium chloride and magnesium chloride injection, solution)

Product Comparison Table

Table 1 Key differences between FDA-approved and imported 0.9% Sodium Chloride Injection USP

	FDA-approved product	Imported product from Alliston, Canada
Product name	0.9% Sodium Chloride Injection, USP	0.9% Sodium Chloride Injection, USP
Label volume	100 mL, 150 mL, 250 mL, 500 mL, 1000 mL	250 mL, 500 mL, 1000 mL
Language of the Labels	English	English, French
Indications	<p>Sodium Chloride Injection, USP is indicated as a source of water and electrolytes.</p> <p>0.9% Sodium Chloride Injection, USP is also indicated for use as a priming solution in hemodialysis procedures.</p>	<p>0.9% Sodium Chloride Injection, USP is indicated as a source of water and electrolytes.</p> <p>0.9% Sodium Chloride Injection, USP can be used as a vehicle or diluent for compatible products for parenteral administration.</p> <p>0.9% Sodium Chloride Injection, USP is also indicated for use as a priming solution in hemodialysis procedures</p>
Active ingredients	Each 100 mL contains 900 mg Sodium Chloride, USP	Each 100 mL contains 900 mg Sodium Chloride, USP
Additional information	<p>pH is 5.0 (4.5 to 7.0)</p> <p>Osmolarity 308 mOsm/L (calc)</p>	<p>pH is 5.0 (4.5 to 7.0)</p> <p>Osmolarity 308 mOsm/L (calc)</p>
Storage conditions	Store at room temperature 25°C/77°F.	Store at room temperature 15°C/59°F to 25°C/77°F.
Container type	VIAFLEX (PVC)	VIAFLEX (PVC)
Medication and Administration port closures	<p>Contains medication port and administration port; Pull off port protector (blue color), right side</p> 	<p>Contains medication port and administration port; Pull off port protector (blue color), right side</p> 

Table 2 Label images of FDA-approved and imported 0.9% Sodium Chloride Injection USP

US-FDA approved product	Imported product from Alliston, Canada
0.9% Sodium Chloride Injection, USP	0.9% Sodium Chloride Injection, USP
Label Color: Black. 1000 mL shown as representative label. Barcode, lot number, and expiry are not shown.	Label Color: Black. 1000 mL shown as representative label. Barcode, lot number, and expiration date are not shown.
 <p>281324 NDC 0228-0248-04 DIN 00062028</p> <p>1 2 3 4 5 6 7 8 9</p> <p>0.9% Sodium Chloride Injection USP 1000 mL</p> <p>Each 100 mL contains 900 mg Sodium Chloride USP pH 5.0 (4.5 to 7.0) mEq/L Sodium 154 Chloride 154 Osmolality 308 mOsmol/L (300) Sterile Nonpyrogenic Single Dose Container Additives may be incompatible Consult with pharmacist if available. When introducing solutions use aseptic technique Mix thoroughly Do not store. Dosage Intravenously as directed by a physician. See directions. Cautions Squeeze and inspect lines and check remaining product sterility. Discard if leaks are found. Must not be used in series connections. Do not use unless solution is clear. Rx Only Store unit in horizontal position. Overmap at room temperature (25°C/77°F) until ready to use. Avoid excessive heat. See insert.</p> <p>VIAFLEX CONTAINER PL 148 PLASTIC BAXTER VIAFLEX AND PL 148 ARE TRADEMARKS OF BAXTER INTERNATIONAL INC. FOR PRODUCT INFORMATION 1-800-933-0303</p> <p>Baxter BAXTER HEALTHCARE CORPORATION DEERFIELD IL 60015 USA MADE IN USA</p>	 <p>JB1324 1000 mL DIN 00062028</p> <p>1 2 3 4 5 6 7 8 9</p> <p>0.9% Sodium Chloride Injection USP Chlorure de Sodium à 0.9% USP, Injectable NaCl 0.9%</p> <p>APPROX mmol/L Na - 154 Cl - 154 mOsmol/L - 308 pH 5.5</p> <p>INTRAVENOUS FLUID AND ELECTROLYTE REPLENISHMENT / RETABLISSEMENT HYDRO-ELECTROLYTIQUE PAR INJECTION INTRAVEINEUSE PER 100 mL SODIUM CHLORIDE USP - 900 mg / WATER FOR INJECTION USP - qs PAR 100 mL CHLORURE DE SODIUM USP - 900 mg / EAU POUR INJECTION USP - qs</p> <p>CAUTIONS SINGLE USE / DISCARD UNUSED PORTION SQUEEZE AND INSPECT BAG / PRESCRIBING INFORMATION AVAILABLE UPON REQUEST / MUST NOT BE USED IN SERIES CONNECTIONS / STORE AT 15° C TO 25° C ATTENTIONS USAGE UNIQUE / JETER PORTION INUTILISEE / PRESSER ET INSPECTER LE SAC / INFORMATION POSOLOGIQUE DISPONIBLE SUR DEMANDE / NE DOIT PAS ETRE MONTE EN SERIE / GARDER ENTRE 15° C ET 25° C</p> <p>NONPYROGENIC / STERILE / APYROGENE VIAFLEX PVC CONTAINER / CONTENANT DE PVC BAXTER AND VIAFLEX ARE TRADEMARKS OF BAXTER INTERNATIONAL INC BAXTER ET VIAFLEX SONT DES MARQUES DE COMMERCE DE BAXTER INTERNATIONAL INC</p> <p>Baxter Baxter Corporation Mississauga ON L5N 0C2</p> <p>88-70-00-490</p>

Table 3 Key differences between FDA-approved and imported 5% Dextrose Injection USP

	US-FDA approved product	Imported product from Alliston, Canada
Product name	5% Dextrose Injection, USP	5% Dextrose Injection, USP
Label volume	150 mL, 250 mL, 500 mL, 1000 mL	250 mL, 1000 mL
Language of the Labels	English	English, French
Indications	Dextrose Injection, USP is indicated as a source of water and calories.	5% Dextrose Injection, USP is indicated as a source of water and calories
Active ingredients	Each 100 mL contains 5 g Dextrose Hydrous USP	Each 100 mL contains 5 g Dextrose Hydrous USP
Additional information	pH 4.0 (3.2 to 6.5) Osmolarity 252 mOsmol/L (calc)	pH 4.0 (3.2 to 6.5) Osmolarity 252 mOsmol/L (calc)
Caloric content	170 kcal/L	170 kcal/L
Storage conditions	Store at room temperature 25°C/77°F.	Store at room temperature 15°C/59°F. to 25°C/77°F.
Container type	VIAFLEX (PVC)	VIAFLEX (PVC)
Medication and Administration port closures	Contains medication port and administration port; Pull off port protector (blue color), right side 	Contains medication port and administration port; Pull off port protector (blue color), right side 

Table 4 Label images of FDA-approved and imported 5% Dextrose Injection USP

US-FDA approved product	Imported product from Alliston, Canada
5% Dextrose Injection, USP	5% Dextrose Injection, USP
Label Color: Black. 1000 mL shown as representative label. Barcode not shown.	Label Color: Black. 1000 mL shown as representative label. Barcode, lot number, and expiration date not shown.

LOT

EXP

280064
NDC 0338-0017-04

**5% Dextrose
Injection USP**

1000 mL

EACH 100 mL CONTAINS 5 g DEXTROSE HYDROUS USP pH 4.0 (3.2 TO 6.5) OSMOLARITY 252 mOsmol/L (CALC) STERILE NONPYROGENIC SINGLE DOSE CONTAINER ADDITIVES MAY BE INCOMPATIBLE CONSULT WITH PHARMACIST IF AVAILABLE WHEN INTRODUCING ADDITIVES USE ASEPTIC TECHNIQUE MIX THOROUGHLY DO NOT STORE DOSAGE INTRAVENOUSLY AS DIRECTED BY A PHYSICIAN SEE DIRECTIONS CAUTIONS SQUEEZE AND INSPECT INNER BAG WHICH MAINTAINS PRODUCT STERILITY DISCARD IF LEAKS ARE FOUND MUST NOT BE USED IN SERIES CONNECTIONS DO NOT ADMINISTER SIMULTANEOUSLY WITH BLOOD DO NOT USE UNLESS SOLUTION IS CLEAR **Rx ONLY** STORE UNIT IN MOISTURE BARRIER OVERWRAP AT ROOM TEMPERATURE (25°C/77°F) UNTIL READY TO USE AVOID EXCESSIVE HEAT SEE INSERT

VIAFLEX CONTAINER PL 146 PLASTIC
BAXTER VIAFLEX AND PL 146 ARE TRADEMARKS OF BAXTER INTERNATIONAL INC
FOR PRODUCT INFORMATION 1-800-933-0303

Baxter
BAXTER HEALTHCARE CORPORATION
DEERFIELD IL 60015 USA
MADE IN USA

JB0064 1000 mL DIN 00060348

**5% Dextrose
Injection USP**

**Dextrose à 5%
USP, Injectable**

D5W

APPROX mOsmol/L - 252 pH 4.0
INTRAVENOUS FLUID AND NUTRIENT REPLENISHMENT /
RECHARGE LIQUIDIENNE ET NUTRIMENT PAR INJECTION
INTRAVEINEUSE

PER 100 mL DEXTROSE HYDROUS USP - 5 g / WATER FOR
INJECTION USP - qs / pH MAY BE ADJUSTED WITH SODIUM
HYDROXIDE

PAR 100 mL DEXTROSE HYDRATE USP - 5 g / EAU POUR
INJECTION USP - qs / pH PEUT ETRE AJUSTE AVEC DE
L'HYDROXYDE DE SODIUM

CAUTIONS SINGLE USE / DISCARD UNUSED PORTION
SQUEEZE AND INSPECT BAG / SEE DIRECTIONS FOR USE
MUST NOT BE USED IN SERIES CONNECTIONS / DO NOT
ADMINISTER SIMULTANEOUSLY WITH BLOOD / STORE AT
15°C TO 25°C

ATTENTIONS USAGE UNIQUE / JETER PORTION INUTILISEE
PRESSER ET INSPECTER LE SAC / VOIR MODE D'EMPLOI NE
DOIT PAS ETRE MONTE EN SERIE / NE PAS ADMINISTRER
SIMULTANEMENT AVEC LE SANG / GARDER ENTRE 15°C
ET 25°C

NONPYROGENIC / STERILE / APYROGENE

VIAFLEX PVC CONTAINER / CONTENANT DE PVC
BAXTER AND VIAFLEX ARE TRADEMARKS OF BAXTER INTERNATIONAL INC
BAXTER ET VIAFLEX SONT DES MARQUES DE COMMERCE DE BAXTER
INTERNATIONAL INC

Baxter
Baxter Corporation
Mississauga ON L5N 0C2


07-25-77-316

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Table 5 Key differences between FDA-approved and imported Lactated Ringer's Injection, USP

	US FDA approved product	Imported product from Alliston, Canada
Product name	Lactated Ringer's Injection, USP	Lactated Ringer's Injection, USP
Label volume	250 mL, 500 mL, 1000 mL	500 mL, 1000 mL
Language of the Labels	English	English, French
Indications	Lactated Ringer's Injection, USP is indicated as a source of water and electrolytes or as an alkalizing agent	Lactated Ringer's Injection, USP is indicated as a source of water and electrolytes or as an alkalizing agent
Active ingredients	Each 100 mL contains: 600 mg Sodium Chloride, USP 310 mg Sodium Lactate, USP 30 mg Potassium Chloride, USP 20 mg Magnesium Chloride, USP (mEq/L: 130 mEq Sodium, 4 mEq Potassium, 2.7 mEq Calcium, 109 mEq Chloride, 28 mEq Lactate)	Each 100 mL contains: 600 mg Sodium Chloride, USP 310 mg Sodium Lactate, USP 30 mg Potassium Chloride, USP 20 mg Magnesium Chloride, USP (mEq/L: 130 mEq Sodium, 4 mEq Potassium, 2.7 mEq Calcium, 109 mEq Chloride, 28 mEq Lactate)
Additional information	pH 6.5 (6.0 to 7.5) Osmolarity 273 mOsmol/L (calc)	pH 6.5 (6.0 to 7.5) Osmolarity 273 mOsmol/L (calc)
Caloric content	9 kcal/L	9 kcal/L
Storage conditions	Store at room temperature 25°C/77°F.	Store at room temperature 15°C/59°F. to 25°C/77°F.
Container type	VIAFLEX (PVC)	VIAFLEX (PVC)
Medication and Administration port closures	Contains medication port and administration port; Pull off port protector (blue color), right side 	Contains medication port and administration port; Pull off port protector (blue color), right side 

Table 6 Label images of FDA-approved and imported Lactated Ringer's, USP

US-FDA approved product	Imported product from Alliston, Canada
Lactated Ringer's, USP	Lactated Ringer's, USP
Label Color: Black. Barcode not shown. 1000 mL shown as representative label.	Label Color: Black. Barcode, lot number, and expiration date not shown. 1000 mL shown as representative label.
<p>LOT EXP</p> <p style="text-align: right;">282324 NDC 0338-0117-04 DIN 00061085</p> <p style="text-align: right;">1</p> <p style="text-align: right;">2</p> <p style="text-align: right;">3</p> <p style="text-align: right;">4</p> <p style="text-align: right;">5</p> <p style="text-align: right;">6</p> <p style="text-align: right;">7</p> <p style="text-align: right;">8</p> <p style="text-align: right;">9</p> <p>Lactated Ringer's Injection USP</p> <p>1000 mL</p> <p>Each 100 mL contains 600 mg Sodium Chloride USP, 310 mg Sodium Lactate, 30 mg Potassium Chloride USP, 20 mg Calcium Chloride USP, pH 6.5 (6.0 to 7.5) mEq/L Sodium 130 Potassium 4 Calcium 2.7 Chloride 109 Lactate 28 Osmolality 273 mOsmol/L (calc) Sterile Nonpyrogenic Single dose container. Not for use in the treatment of lactic acidosis. Additives may be incompatible. Consult with pharmacist if available. When introducing additives use aseptic technique. Mix thoroughly. Do not store. Dosage: Intravenously as directed by a physician. See directions. Cautions: Squeeze and inspect inner bag which maintains product sterility. Discard if leaks are found. Must not be used in series connections. Do not administer simultaneously with blood. Do not use unless solution is clear. Rx Only. Store unit in moisture barrier overwrap at room temperature (25°C/77°F) until ready to use. Avoid excessive heat. See insert.</p> <p>VIAFLEX CONTAINER PL 146 PLASTIC BAXTER, VIAFLEX AND PL 146 ARE TRADEMARKS OF BAXTER INTERNATIONAL INC. FOR PRODUCT INFORMATION 1-800-933-0303</p> <p>Baxter BAXTER HEALTHCARE CORPORATION DEERFIELD, IL 60015 USA MADE IN USA</p> <p>DISTRIBUTED IN CANADA BY BAXTER CORPORATION TORONTO, ONTARIO, CANADA</p>	<p>JB2324 1000 mL DIN 00061085</p> <p style="text-align: right;">1</p> <p style="text-align: right;">2</p> <p style="text-align: right;">3</p> <p style="text-align: right;">4</p> <p style="text-align: right;">5</p> <p style="text-align: right;">6</p> <p style="text-align: right;">7</p> <p style="text-align: right;">8</p> <p style="text-align: right;">9</p> <p>Lactated Ringer's Injection USP</p> <p>Lactate de Ringer USP, Injectable</p> <hr/> <p>Lactated Ringer</p> <hr/> <p>Lactate de Ringer</p> <hr/> <p>APPROX mmol/L Na - 130 K - 4 Ca - 1.4 Cl - 109 LACTATE - 28 mOsmol/L - 272 pH 6.5 INTRAVENOUS FLUID AND ELECTROLYTE REPLENISHMENT RETABLISSEMENT HYDRO-ELECTROLYTIQUE PAR INJECTION INTRAVEINEUSE</p> <p>PER 100 mL SODIUM CHLORIDE USP - 600 mg / SODIUM LACTATE - 310 mg / POTASSIUM CHLORIDE USP - 30 mg / CALCIUM CHLORIDE DIHYDRATE USP - 20 mg / WATER FOR INJECTION USP - qs</p> <p>PAR 100 mL CHLORURE DE SODIUM USP - 600 mg / LACTATE DE SODIUM - 310 mg / CHLORURE DE POTASSIUM USP - 30 mg / DIHYDRATE DE CHLORURE DE CALCIUM USP - 20 mg / EAU POUR INJECTION USP - qs</p> <p>CAUTIONS: SINGLE USE / DISCARD UNUSED PORTION / SQUEEZE AND INSPECT BAG / SEE DIRECTIONS FOR USE / NOT FOR USE IN THE TREATMENT OF LACTIC ACIDOSIS / MUST NOT BE USED IN SERIES CONNECTIONS / DO NOT ADMINISTER SIMULTANEOUSLY WITH BLOOD. STORE AT 15°C TO 25°C</p> <p>ATTENTIONS: USAGE UNIQUE / JETER PORTION INUTILISEE / PRESSER ET INSPECTER LE SAC / VOIR MODE D'EMPLOI / NE PAS UTILISER DANS LE TRAITEMENT DE L'ACIDOSE LACTIQUE / NE DOIT PAS ETRE MONTE EN SERIE / NE PAS ADMINISTRER SIMULTANEMENT AVEC LE SANG. GARDER ENTRE 15°C ET 25°C</p> <p>NONPYROGENIC / STERILE / APYROGENE VIAFLEX PVC CONTAINER / CONTENANT DE PVC BAXTER AND VIAFLEX ARE TRADEMARKS OF BAXTER INTERNATIONAL INC BAXTER ET VIAFLEX SONT DES MARQUES DE COMMERCE DE BAXTER INTERNATIONAL INC</p> <p>Baxter Baxter Corporation Mississauga ON L5N 0C2</p> <p style="text-align: right;">88-70-20-487</p>

Table 7 Key differences between FDA-approved and imported Plasma-Lyte A Injection, USP

	US FDA approved product	Imported product from Alliston, Canada
Product name	Plasma-Lyte A Injection, USP	Plasma-Lyte A Injection, USP
Label volume	500 mL, 1000 mL	1000 mL
Language of the Labels	English	English, French
Indications	<p>PLASMA-LYTE A Injection pH 7.4 (Multiple Electrolytes Injection, Type 1, USP) is indicated as a source of water and electrolytes or as an alkalinizing agent.</p> <p>Furthermore, it is compatible with blood or blood components.</p>	<p>PLASMA-LYTE A Injection is indicated for volume replacement, as a source of water and electrolytes, and as an alkalinizing agent</p>
Active ingredients	<p>Each 100 mL contains:</p> <p>526 mg Sodium Chloride, USP 502 mg Sodium Gluconate, USP 368 mg Sodium Acetate, USP 37 mg Potassium Chloride, USP 30 mg Magnesium Chloride, USP (mEq/L: 140 mEq sodium, 5 mEq potassium, 3 mEq magnesium, 98 mEq chloride, 27 mEq acetate, 23 mEq gluconate)</p>	<p>Each 100 mL contains:</p> <p>526 mg Sodium Chloride, USP 502 mg Sodium Gluconate, USP 368 mg Sodium Acetate, USP 37 mg Potassium Chloride, USP 30 mg Magnesium Chloride, USP (mEq/L: 140 mEq sodium, 5 mEq potassium, 3 mEq magnesium, 98 mEq chloride, 27 mEq acetate, 23 mEq gluconate)</p>
Additional information	<p>pH 7.4 (6.5 to 8.0) Osmolarity 294 mOsm/L (calc)</p>	<p>pH 7.4 (6.5 to 8.0) Osmolarity 294 mOsm/L (calc)</p>
Caloric content	21 kcal/L	21 kcal/L
Storage conditions	Store at room temperature 25°C/77°F.	Store at room temperature 15°C/59°F. to 25°C/77°F.
Container type	VIAFLEX (PVC)	VIAFLEX (PVC)

Administration port closures	Contains medication port and administration port; Pull off port protector (blue color), right side 	Contains medication port and administration port; Pull off port protector (blue color), right side 
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JB2324 1000 mL DIN 00061085 **1**

**Lactated Ringer's
Injection USP** **2**

**Lactate de Ringer
USP, Injectable** **3**

Lactated Ringer **4**

Lactate de Ringer **5**

APPROX mmol/L Na - 130 K - 4 Ca - 1.4

Cl - 109 LACTATE - 28 mOsmol/L - 272 pH 6.5

INTRAVENOUS FLUID AND ELECTROLYTE REPLENISHMENT

RETABLISSEMENT HYDRO-ELECTROLYTIQUE PAR INJECTION

INTRAVEINEUSE **6**

PER 100 mL SODIUM CHLORIDE USP - 600 mg / SODIUM LACTATE - 310 mg / POTASSIUM CHLORIDE USP - 30 mg / CALCIUM CHLORIDE DIHYDRATE USP - 20 mg / WATER FOR INJECTION USP - qs **7**

PAR 100 mL CHLORURE DE SODIUM USP - 600 mg / LACTATE DE SODIUM - 310 mg / CHLORURE DE POTASSIUM USP - 30 mg / DIHYDRATE DE CHLORURE DE CALCIUM USP - 20 mg / EAU POUR INJECTION USP - qs

CAUTIONS SINGLE USE / DISCARD UNUSED PORTION / SQUEEZE AND INSPECT BAG / SEE DIRECTIONS FOR USE / NOT FOR USE IN THE TREATMENT OF LACTIC ACIDOSIS / MUST NOT BE USED IN SERIES CONNECTIONS / DO NOT ADMINISTER SIMULTANEOUSLY WITH BLOOD STORE AT 15°C TO 25°C

ATTENTIONS USAGE UNIQUE / JETER PORTION INUTILISEE / PRESSER ET INSPECTER LE SAC / VOIR MODE D'EMPLOI / NE PAS UTILISER DANS LE TRAITEMENT DE L'ACIDOSE LACTIQUE / NE DOIT PAS ETRE MONTE EN SERIE / NE PAS ADMINISTRER SIMULTANEMENT AVEC LE SANG GARDER ENTRE 15°C ET 25°C **8**

NONPYROGENIC / STERILE / APYROGENE

VIAFLEX PVC CONTAINER / CONTENANT DE PVC

BAXTER AND VIAFLEX ARE TRADEMARKS OF BAXTER INTERNATIONAL INC

BAXTER ET VIAFLEX SONT DES MARQUES DE COMMERCE DE BAXTER INTERNATIONAL INC **9**

Baxter

Baxter Corporation

Mississauga ON L5N 0C2

 **9**

88-70-20-487

Container Label

JB2324

1000 mL

DIN 00061085

**Lactated Ringer's
Injection USP**

**Lactate de Ringer
USP, Injectable**

Lactated Ringer

Lactate de Ringer

APPROX mmol/L Na - 130 K - 4 Ca - 1.4

Cl - 109 LACTATE - 28 mOsmol/L - 272 pH 6.5

INTRAVENOUS FLUID AND ELECTROLYTE REPLENISHMENT
RETABLISSEMENT HYDRO-ELECTROLYTIQUE PAR INJECTION
INTRA VENIEUSE

PER **100** mL SODIUM CHLORIDE USP - **600** mg / SODIUM LACTATE - **310**
mg / POTASSIUM CHLORIDE USP - **30** mg / CALCIUM CHLORIDE
DIHYDRATE USP - **20** mg / WATER FOR INJECTION USP - qs

PAR **100** mL CHLORURE DE SODIUM USP - **600** mg / LACTATE DE SO-
DIUM - **310** mg / CHLORURE DE POTASSIUM USP - **30** mg / DIHYDRATE DE
CHLORURE DE CALCIUM USP - **20** mg / EAU POUR INJECTION USP - qs

CAUTIONS SINGLE USE / DISCARD UNUSED PORTION / SQUEEZE
AND INSPECT BAG / SEE DIRECTIONS FOR USE / NOT FOR USE IN THE
TREATMENT OF LACTIC ACIDOSIS / MUST NOT BE USED IN SERIES
CONNECTIONS / DO NOT ADMINISTER SIMULTANEOUSLY WITH BLOOD
STORE AT 15°C TO 25°C

ATTENTIONS USAGE UNIQUE / JETER PORTION INUTILISEE / PRESSER
ET INSPECTER LE SAC / VOIR MODE D'EMPLOI / NE PAS UTILISER DANS
LE TRAITEMENT DE L'ACIDOSE LACTIQUE / NE DOIT PAS ETRE MONTE
EN SERIE / NE PAS ADMINISTRER SIMULTANEMENT AVEC LE SANG
GARDER ENTRE 15°C ET 25°C

NONPYROGENIC / STERILE / APYROGENE

VIAFLEX PVC CONTAINER / CONTENANT DE PVC

BAXTER AND VIAFLEX ARE TRADEMARKS OF BAXTER INTERNATIONAL INC
BAXTER ET VIAFLEX SONT DES MARQUES DE COMMERCE DE BAXTER
INTERNATIONAL INC

Baxter Logo

Baxter Corporation

Mississauga ON L5N 0C2

No Latex Label

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JB2323 500 mL DIN 00061085 -1-
Lactated Ringer's Injection
USP
Lactate de Ringer USP,
Injectable -2-

Lactated Ringer -
Lactate de Ringer -3-

APPROX mmol/L Na - 130 K - 4 Ca - 1.4 Cl - 109 LACTATE - 28 mOsmol/L - 272 pH 6.5

INTRAVENOUS FLUID AND ELECTROLYTE REPLENISHMENT / RETABLISSEMENT HYDRO-ELECTROLYTIQUE PAR INJECTION INTRAVEINEUSE

PER 100 mL SODIUM CHLORIDE USP - 600 mg / SODIUM LACTATE - 310 mg / POTASSIUM CHLORIDE USP - 30 mg / CALCIUM CHLORIDE DIHYDRATE USP - 20 mg / WATER FOR INJECTION USP - qs

PAR 100 mL CHLORURE DE SODIUM USP - 600 mg / LACTATE DE SODIUM - 310 mg / CHLORURE DE POTASSIUM USP - 30 mg / DIHYDRATE DE CHLORURE DE CALCIUM USP - 20 mg / EAU POUR INJECTION USP - qs

CAUTIONS SINGLE USE / DISCARD UNUSED PORTION / SQUEEZE AND INSPECT BAG SEE DIRECTIONS FOR USE / NOT FOR USE IN THE TREATMENT OF LACTIC ACIDOSIS MUST NOT BE USED IN SERIES CONNECTIONS / DO NOT ADMINISTER SIMULTANEOUSLY WITH BLOOD / STORE AT 15°C TO 25°C

ATTENTIONS USAGE UNIQUE / JETER PORTION INUTILISEE / PRESSER ET INSPECTER LE SAC / VOIR MODE D'EMPLOI / NE PAS UTILISER DANS LE TRAITEMENT DE L'ACIDOSE LACTIQUE / NE DOIT PAS ETRE MONTE EN SERIE / NE PAS ADMINISTRER SIMULTANEMENT AVEC LE SANG / GARDER ENTRE 15°C ET 25°C

NONPYROGENIC / STERILE / APYROGENE

VIAFLEX PVC CONTAINER / CONTENANT DE PVC

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 BAXTER ET VIAFLEX SONT DES MARQUES DE COMMERCE DE BAXTER INTERNATIONAL INC

Baxter
 Baxter Corporation
 Mississauga ON L5N 0C2



07-25-77-062

Container Label

JB2323
500 mL
DIN 00061085

Lactated Ringer's Injection
USP

Lactate de Ringer USP,
Injectable

Lactated Ringer

Lactate de Ringer

APPROX mmol/L Na - 130 K - 4 Ca - 1.4 Cl

109 LACTATE - 28 mOsmol/L - 272 pH 6.5

INTRAVENOUS FLUID AND ELECTROLYTE REPLENISHMENT / RETABLISSEMENT HYDRO-ELECTROLYTIQUE PAR INJECTION INTRAVENIEUSE

PER100 mL SODIUM CHLORIDE USP - 600mg / SODIUM LACTATE - 310mb / POTASSIUM CHLORIDE USP - 30mg / CALCIUM CHLORIDE DIHYDRATE USP - 20mg / WATER FOR INJECTION USP - qs

PAR100 mL CHLORURE DE SODIUM USP - 600mg / LACTATE DE SODIUM - 310mg/ CHLORURE DE POTASSIUM USP - 30mg / DIHYDRATE DECHLORURE DE CALCIUM USP - 20mg / EAU POUR INJECTION USP - qs

CAUTIONS SINGLE USE / DISCARD UNUSED PORTION / SQUEEZE AND INSPECT BAG / SEE DIRECTIONS FOR USE / NOT FOR USE IN THE TREATMENT OF LACTIC ACIDOSIS / MUST NOT BE USED IN SERIES CONNECTIONS / DO NOT ADMINISTER SIMULTANEOUSLY WITH BLOOD STORE AT 15°C TO 25°C

ATTENTIONS USAGE UNIQUE / JETER PORTION INUTILISEE / PRESSER ET INSPECTER LE SAC / VOIR MODE D'EMPLOI / NE PAS UTILISER DANS LE TRAITEMENT DE L'ACIDOSE LACTIQUE / NE DOIT PAS ETRE MONTE EN SERIE / NE PAS ADMINISTRER SIMULTANEMENT AVEC LE SANG GARDER ENTRE 15°C ET 25°C

NONPYROGENIC / STERILE / APYROGENE

VIAFLEX PVC CONTAINER / CONTENANT DE PVC

BAXTER AND VIAFLEX ARE TRADEMARKS OF BAXTER INTERNATIONAL INC
BAXTER ET VIAFLEX SONT DES MARQUES DE COMMERCE DE BAXTER INTERNATIONAL INC

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Mississauga ON L5N 0C2

No Latex Label

07-25-77-062

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LACTATED RINGERS

sodium chloride, potassium chloride, sodium lactate and calcium chloride injection, solution

Product Information

Product Type	HUMAN PRESCRIPTION DRUG	Item Code (Source)	NDC:0338-9600
Route of Administration	INTRAVENOUS		

Active Ingredient/Active Moiety

Ingredient Name	Basis of Strength	Strength
SODIUM CHLORIDE (UNII: 451W47IQ8X) (SODIUM CATION - UNII:LYR4M0NH37, CHLORIDE ION - UNII:Q32ZN48698)	SODIUM CHLORIDE	600 mg in 100 mL
SODIUM LACTATE (UNII: TU7HW0W0QT) (SODIUM CATION - UNII:LYR4M0NH37, LACTIC ACID, UNSPECIFIED FORM - UNII:33X04XA5AT)	SODIUM LACTATE	310 mg in 100 mL
POTASSIUM CHLORIDE (UNII: 660YQ98I10) (POTASSIUM CATION - UNII:295O53K152, CHLORIDE ION - UNII:Q32ZN48698)	POTASSIUM CHLORIDE	30 mg in 100 mL
CALCIUM CHLORIDE (UNII: M4I0D6VV5M) (CALCIUM CATION - UNII:2M83C4R6ZB, CHLORIDE ION - UNII:Q32ZN48698)	CALCIUM CHLORIDE	20 mg in 100 mL

Inactive Ingredients

Ingredient Name	Strength
WATER (UNII: 059QF0KO0R)	

Packaging

#	Item Code	Package Description	Marketing Start Date	Marketing End Date
1	NDC:0338-9600-12	12 in 1 CARTON	11/06/2024	
1	NDC:0338-9600-01	1000 mL in 1 BAG; Type 0: Not a Combination Product		

Marketing Information

Marketing Category	Application Number or Monograph Citation	Marketing Start Date	Marketing End Date
Unapproved drug for use in drug shortage		11/06/2024	

LACTATED RINGERS

sodium chloride, potassium chloride, sodium lactate and calcium chloride injection, solution

Product Information

Product Type	HUMAN PRESCRIPTION DRUG	Item Code (Source)	NDC:0338-9596
Route of Administration	INTRAVENOUS		

Active Ingredient/Active Moiety

Ingredient Name	Basis of Strength	Strength
SODIUM CHLORIDE (UNII: 451W47IQ8X) (SODIUM CATION - UNII:LYR4M0NH37, CHLORIDE ION - UNII:Q32ZN48698)	SODIUM CHLORIDE	600 mg in 100 mL
SODIUM LACTATE (UNII: TU7HW0W0QT) (SODIUM CATION - UNII:LYR4M0NH37, LACTIC ACID, UNSPECIFIED FORM - UNII:33X04XA5AT)	SODIUM LACTATE	310 mg in 100 mL
POTASSIUM CHLORIDE (UNII: 660YQ98I10) (POTASSIUM CATION - UNII:295O53K152, CHLORIDE ION - UNII:Q32ZN48698)	POTASSIUM CHLORIDE	30 mg in 100 mL
CALCIUM CHLORIDE (UNII: M4I0D6VV5M) (CALCIUM CATION - UNII:2M83C4R6ZB, CHLORIDE ION - UNII:Q32ZN48698)	CALCIUM CHLORIDE	20 mg in 100 mL

Inactive Ingredients

Ingredient Name	Strength
WATER (UNII: 059QF0KO0R)	

Packaging

#	Item Code	Package Description	Marketing Start Date	Marketing End Date
1	NDC:0338-9596-24	24 in 1 CARTON	11/06/2024	04/30/2025
1	NDC:0338-9596-01	500 mL in 1 BAG; Type 0: Not a Combination Product		

Marketing Information

Marketing Category	Application Number or Monograph Citation	Marketing Start Date	Marketing End Date
Unapproved drug for use in drug shortage		11/06/2024	04/30/2025

Labeler - Baxter Healthcare Company (005083209)

Establishment

Name	Address	ID/FEI	Business Operations
Baxter Corporation		205087968	ANALYSIS(0338-9600, 0338-9596) , LABEL(0338-9600, 0338-9596) , MANUFACTURE(0338-9600, 0338-9596) , STERILIZE(0338-9600, 0338-9596) , PACK(0338-9600, 0338-9596)

Revised: 12/2024

Baxter Healthcare Company