

LAVOISIER DEXTRION G 5 - DEXTRION G 10 IV, injectable solution in bottle

QUALITATIVE AND QUANTITATIVE COMPOSITION

SPECIALTY	DEXTRION G5	DEXTRION G10
ANHYDROUS GLUCOSE	5.00 g	10.00 g
SODIUM CHLORIDE	0.20 g	0.20 g
POTASSIUM CHLORIDE	0.15 g	0.15 g
CALCIUM GLUCONATE	0.10 g	0.10 g
Water for injectable solutions	s.q.	100.00 ml
Na ⁺	34.20 mEq/l	34.20 mEq/l
K ⁺	20.10 mEq/l	20.10 mEq/l
Ca ⁺⁺	4.46 mEq/l	4.46 mEq/l
Cl ⁻	54.30 mEq/l	54.30 mEq/l
Glucose	277.50 mOsm/l	555 mOsm/l
Glucanate	4.46 mOsm/l	4.46 mOsm/l
Osmolarity	392.80 mOsm/l	670.40 mOsm/l

pH ranging from 4.0 to 5.5

PHARMACEUTICAL FORM

Injectable solution (I.V.)

THERAPEUTIC INDICATIONS

- Caloric glucose intake
- Rebalance of electrolytes
- States of dehydration
- Prevention against hypokalemia in long-term treatments with electrolytes

POSOLOGY AND ADMINISTRATION

I.V. route Posology must be adjusted to patient's requirements, depending on clinical state, weight, and electrolyte determinations in blood and urine. Slow infusion in a large vessel, under strict conditions of asepsis.

CONTRA-INDICATIONS

States of sodium retention: severe cardiac insufficiency, severe respiratory insufficiency, major hepatic failure, renal failure.

Auriculoventricular block, Hyperkalemia

WARNINGS AND PRECAUTIONS FOR USE

- Clinical control, electrolyte and glycemia should be monitored, especially in diabetics (if needed, supplement parenteral nutrition of insulin) and in subjects with transient intolerance to carbohydrates.
- Risk of oedema due to sodium overload.
- If a drug is added to **LAVOISIER DEXTRION G 5** or **G 10** solution, admixture must be administered immediately.
- **LAVOISIER DEXTRION G 10** is hypertonic and solution must be perfused slowly.

INTERACTIONS WITH OTHER DRUGS AND OTHER FORMS OF INTERACTIONS

Contraindicated interaction: digitalics.

Associations not recommended: hyperkalemiant diuretics (distal segment diuretics), curares.

OVERDOSAGE

Hypervolemia is treated by natriuretics. In secondary hyperkalemia, administration of hypokalemiant diuretics (Loop diuretics).

CLINICAL PHARMACOLOGY

Pharmacodynamics

GLUCOSE SUPPLEMENT PRODUCT / VOLEMIC REPLACEMENT

(B: Hematopoietic stem cells blood and lymphoid organs)

Electrolytes filling solution which provides electrolytes loss and caloric glucose supplement by venous access route.

LAVOISIER DEXTRION G 5: 200 Kcal/l (moderate supplement); **LAVOISIER DEXTRION G 10:** 400 Kcal/l.

This solution is used to rebalance liquid losses. In addition, it allows adequate supplements of sodium, potassium, calcium, chloride ions in immediate post-operative period.

Pharmacokinetics

IV injection provides an immediate effect. Metabolism is similar to glucose and to different ions.

PHARMACEUTICAL DATA

Incompatibilities

- The physician will determine the incompatibilities of an additive drug with **LAVOISIER DEXTRION G 5** or **G 10** solution, inspecting for possible discoloration and/or formation of precipitate, insoluble complex or crystals. Refer also to package insert of additive drug.
- Prior to drug admixture, check whether its pH efficacy space matches that of **LAVOISIER DEXTRION G 5** or **G 10** solution (pH = 4.0 to 5.5).

Shelf life: 3 years

Nature and contents of container

250 ml, 500 ml bottles, colorless glass (type II), closed by a chlorobutyl stopper.

Instructions for use, Drug handling instruction

Prior to use, inspect for limpidity, physical integrity of bottle, corking and vacuum state.

PACKAGING AND PRODUCT LICENSE NUMBER

Hospital Packaging:

LAVOISIER DEXTRION G 5

MA 559 464-2: 250 ml bottle (glass) - 12 units pack - Approved for institutions.

MA 559 465-9: 500 ml bottle (glass) - 12 units pack - Approved for institutions.

LAVOISIER DEXTRION G 10

MA 559 466-5: 250 ml bottle (glass) - 12 units pack - Approved for institutions.

MA 559 467-1: 500 ml bottle (glass) - 12 units pack - Approved for institutions.

HOW SUPPLIED

Not applicable

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