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Potassium Chloride 0.075M

Storage conditions: Room temperature, protect from light

Shelf life: 48 months

Composition: Potassium Chloride 5.59 g/l

Colour: Colourless, clear solution

pH: Not applicable

Osmolality: 140 ± 25 mOsm/kg

Endotoxin: < 1 EU/ml

Sterility tests:
- Bacteria in aerobic and anaerobic conditions
- Fungi and yeasts

Cell Growth test: Not applicable

Other tests: Not applicable

Recommended use:
- Respect storage conditions of the product
- Do not use the product after its expiry date
- Store product in an area protected from light (not necessary for saline solutions).
- Manipulate the product in aseptic conditions (e.g.: under laminar air flow)
- Wear clothes adapted to the manipulation of the product to avoid contamination (e.g.: gloves, mask, hygiene cap, overall…)

The product is intended to be used in vitro for research or further manufacturing only and not for use as an Active Pharmaceutical Ingredient or food or animal feed.

Application:
The solution of potassium chloride in 0.075M is a hypotonic solution used to widen cells to obtain an adequate distribution of chromosomes during metaphase.

Uses: Not applicable

Signs of Deterioration:
This solution should be clear and free of particulate and flocculent material.
Do not use if the solution is cloudy or contains precipitate.
Other evidence of deterioration may include degradation of physical or performance characteristics.

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Remarks:

- **CAS N°:** 7447-40-7
- **Molecular Weight:** 74,55 g/mol
- **Chemical formula**: KCL

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