ClearLine	Technical data sheet Media Liquid	Ref : 509606

Phosphate Buffered Saline (PBS)

w/o Calcium w/o Magnesium w/o Potassium Chloride

Storage conditions: Room temperature

Shelf life: 48 months

Composition: Displayed on website; also available on request

Colour: colourless, clear solution

pH: 7.4 ± 0.3

Osmolality: 300 mOsm/kg ± 10%

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:
Phosphate-buffered saline (PBS) is a buffer solution used in biological research. It is a water-based salt solution containing sodium phosphate, sodium chloride and potassium phosphate. The osmolality and ion concentrations of the solutions are non-toxic to most cells.

Uses:
Supplements, such as antibiotics, should be added as sterile supplements to the buffer solution. Storage conditions and shelf-life of the supplemented product will be affected by the nature of the supplements.

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

Remarks: Not applicable

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