ClearLine	Technical data sheet Media Liquid	Ref : 509127

Sodium Bicarbonate 7.5%

Storage conditions: +2°C to +8°C, protected from light

Shelf life: 24 months

Composition: Display on website and in catalogue; also available on request

Colour: Colourless, clear solution

pH: 8.2 ± 0.3

Osmolality: 1320 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:
These buffers may be useful in cell culture applications when pH maintenance is critical. Cells vary in sensitivity to these buffers and may exhibit toxic reactions to them even at recommended working concentration. We recommend that you consult the literature or test different buffers and at different concentrations to determine the most effective supplement for a particular cell type.

Uses: Not applicable

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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 colour change or degradation of physical or performance characteristics.

Remarks: Not applicable

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