ClearLine	Technical data sheet Media Liquid	Ref : 509597

MEM non Essential Amino Acids 100X
w/o L-Glutamine

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

Shelf life: 24 months

Composition: displayed on website; also available on request

Colour: Colourless

pH: 3.4 ± 1 (before dilution)

Osmolality: 70 mOsm/kg ± 10 % (before dilution)

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:
Adding supplements of amino acids to media stimulates growth and prolongs the viability of cells in culture. This concentrated supplement adds nutrients and reduces the biosynthetic burden on cell *in vitro*

Uses:
Add this MEM non Essential Amino Acids 100X w/o L-Glutamine to your basal medium (the final concentration of the MEM must be 1X) and use this medium as a classical MEM.

DOMINIQUE DUTSCHER SAS

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

Remarks: Not applicable

DOMINIQUE DUTSCHER SAS