

	Technical data sheet	Ref : FT.X0557an Page : 1/1
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MEM non Essential Amino Acids 100X w/o L-Glutamine

CAT N° : X0557

Theoretical pH : 3.4 ± 1 (before dilution)

Osmolality : 70 mOsm/kg $\pm 10 \%$ (before dilution)

Colour : Colourless

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

Shelf life : 24 months

Sterility tests :

- Bacteria in aerobic and anaerobic conditions
- Fungi and yeasts

Endotoxin : <1 EU/ml

Composition : displayed on website; also available on request

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*, in laboratory only. Do not use it in therapy, human or veterinary applications.

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*

Utilisation :

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.

Indications 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.