

bio west	Technical data sheet Concentrate media	Ref : FT.X0554an Page : 1/1
		Version 01 Version date : 30/10/06

MEM Amino Acids 50X
w/o L-Glutamine

CAT n°: X0554

Theoretical pH : 1.5 ± 0.5 (before dilution)

Osmolarity : as reported

Colour : Colourless

Storage conditions : +4°C, protect from light

Shelf life : 24 months

Sterility tests :

- bacteria aerobic-anaerobic
- bacteria strictly anaerobic
- fungi

Endotoxin : <1 EU/ml (< 0.1 ng/ml)

Recommended use :

Use aseptic technique when handling this medium.

For in vitro laboratory use only, not for drug, human or veterinary use.

Application :

Adding supplements of amino acids to media both 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 Amino Acids 50X 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.