

MEM Nonessential Amino Acids (100x)#GTC15.0100 (100ml)
(FOR RESEARCH ONLY)

Product:	Filter sterilized MEM Nonessential Amino Acids (100x) for the supplementation of MEM (Minimum Essential Medium).
Quantity:	#GTC15.0100 comprises 100ml of a 100x concentrated solution of MEM Nonessential Amino Acids.
Applications:	Cell Culture.
Appearance:	Clear colourless solution.
Specifications:	pH: 3.1-3.7 Sterility: sterile Endotoxin: <10.0 EU/ml
Storage:	Store at +4°C, protected from light, for up to 12 months. Once the product has been opened, store at +4°C and use within 1 or 2 months.
Shipment:	Shipment is typically carried out at room temperature as this product can be kept at room temperature for up to 2 weeks without any problem.

Usage: This concentrated nonessential amino acid mixture (100x) is a supplement for MEM (Minimal Essential Medium) and serves to increase cell proliferation and cell-viability. Simply add 1ml per 100ml of MEM.

Detailed Formulation:**Table 1.** Composition of #GTC43 MEM Nonessential Amino Acids (100x).

Amino Acids	(g/L)
Glycine	0.75
L-Alanine	0.89
L-Asparagine H ₂ O	1.50
L-Aspartic Acid	1.33

Amino Acids	(g/L)
L-Glutamic Acid	1.47
L-Proline	1.15
L-Serine	1.05