

MEM Nonessential Amino Acids (100x)

General information

Nonessential Amino Acids are used as a supplement for cell culture medium, to increase cell growth and viability. The formulation corresponds to 100x of the nonessential amino acids found in the standard Minimum Essential Medium (MEM).

Product specifications

Osmolality	50 – 100 mOsm/kg
Endotoxin	≤1 EU/ml
Sterility	Tested
Storage	Store at +2 °C to +8 °C, protected from light.

Applications

- Additional amino acid pool for strong proliferating cells
- For cells, which have lost the ability to synthesize nonessential amino acids

Formulation

Component	g/l	Molecular Weight g/mol	Concentration mM
Glycine	0.75	75.07	10.00
L-Alanine	0.89	89.09	10.00
L-Asparagine Monohydrate	1.50	150.13	10.00
L-Aspartic Acid	1.33	133.10	10.00
L-Glutamic Acid	1.47	147.13	10.00
L-Proline	1.15	115.13	10.00
L-Serine	1.05	105.09	10.00

Precautions and disclaimer

This product is for research use only. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

Ordering information

Catalogue number	Pack size
LTGA03	100 ml

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