

Product Information

MEM Nonessential Amino Acids (100x)
Cat. No.: K0100-690 Volume: 100 ml

Product Description

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).

Applications

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

Product Specifications

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

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.