

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 |
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