MEM Non-Essential Amino Acid Solution (NEAA), 100 ×

Cat. No.: PB180424

Size: 100mL

General Information

Product Form	Liquid
Concentration	100 ×
pH	0.6-1.7
Dissolvent	Ultrapure water
Storage	2-8°C, Shading Light
Shipping	Ice bag
Expiration date	12 months

Background

Amino Acids are the basic unit of protein composition and also an important component of life. According to the cell's own ability to synthesize, amino acids can be divided into three categories essential amino acids, semiessential amino acids, and non-essential amino acids.
MEM non-essential amino acid solution (NEAA) contain L-alanine, L-glutamic acid, L-asparaginate, L-proline, L-aspartic acid, L-serine and glycine, can effectively improve the ratio of cells culture medium,reduce the side effect of non-essential amino acid production in cell culture, and promote cell proliferation and metabolism, which is one of the commonly used additives in cell culture.

Guidelines for use

Procell's cell culture media undergoes strict quality control to ensure sterility, but may get contaminated during use. Follow these guidelines for sterile handling to avoid contamination.

1. Always wipe your gloved hands and work area with 70% ethanol.
2. Wipe the outside of the containers, flasks, plates, and dishes with 70% ethanol before placing them in the cell culture hood.
3. Use sterile pipette tips and pipettes to work with liquids, and use each pipette tip only once to avoid cross Quality contamination.Do not unwrap sterile pipettes until they are ready to be used. Keep pipettes and tips with in the clean work area.
4. Do not talk while performing sterile procedures and perform your cell culture as efficiently and carefully as possible to minimize contamination.

Quality control

Standard evaluations for cell culture media are pH, osmolality, endotoxins and sterility testing for liquid products, cell growth experiments.

Notes

1. This product is only used for scientific research or further research, not for diagnosis and treatment.
2. This product is sterilized by 0.1 μm filtration.
3. It is necessary to pay attention to the aseptic operation and avoid the contamination.
4. This product is 100 × concentrated solution. Please dilute it to to the desired concentration before use.