Gelatin Solution, 0.1%

Contains 1 g/L Gelatin in Cell Culture Water

Cat. No. CGEL0012 | Size: 100 ML / 500 ML

1. Product Description

Gelatin Solution is widely used for pre-coating culture vessels (T-flasks, plates, dishes, etc.) to enhance cell attachment during animal cell culture. The typical coating concentration of gelatin ranges from 1 to 5 μg/cm² or 0.5 to 50 μg/mL; however, the optimal concentration must be selected based on the specific cell type and research objectives.

2. Composition

Component	g/L
Gelatin	1.0

3. Product Quality Specifications

Appearance	pH	Osmolality	Sterility
Colorless clear liquid	Result Reported	Result Reported	Sterile

4. Storage Conditions and Precautions

Store at refrigerated temperatures (2~8°C) protected from direct light. The expiration date is indicated on the product label; do not use expired products. Product degradation may appear as precipitates, floating particles, turbidity, or color change; discard if any are observed. Storing against the inner walls of a refrigerator where temperatures may approach 0°C can cause degradation due to ice crystal formation. The addition of extra substances may also cause degradation.

5. Usage Instructions and Precautions

This product is a sterile solution. Open the cap only in a sterile environment (e.g., a clean bench) using aseptic technique. It is recommended to use the entire contents after opening; otherwise, aliquot into a suitable sterile container and store refrigerated (2~8°C).