Poloxamer 188, 10%

Contains 100 g/L Poloxamer 188 in Cell Culture Water

Cat. No. CPOL001 | Size: 100 ML

1. Product Description

Poloxamer 188 (Poly(ethylene glycol)-block-poly(propylene glycol)-block-poly(ethylene glycol)) is a non-ionic surfactant. Poloxamer 188 protects cells by enhancing cell membrane stability and plays anti-inflammatory and antithrombotic roles. In addition, it lowers the surface tension of the culture medium to reduce cell attachment rates and protects cells from physical hazards during suspension culture. This product has a concentration of 10%, and the commonly used concentration is 0.1%, so it is used by diluting 1/100. However, it can be diluted according to the type of cell and the purpose of the experiment.

2. Composition

Components	g/L
Poloxamer 188	100

3. Product Quality Specifications

Appearance	pH	Osmolality*	Sterility
Colorless clear liquid	pH 6.0 ~ 8.0	65 ~ 105 mOsm/kg H_2O	Sterile

*Measured value after 1/10 dilution

4. Storage Conditions and Precautions

Store at refrigerated conditions (2~8°C) protected from direct light. The expiration date is indicated on the product label; do not use expired products. Product degradation during storage may appear as precipitates, floating particles, turbidity, or color change; discard if any are observed. Storing attached to the inner wall of the refrigerator where the temperature is relatively low (0°C) may cause denaturation due to ice crystals, and addition of extra substances may also cause denaturation.

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.