Sodium Butyrate Solution (1 M)

Contains 110.1 g/L Sodium Butyrate in Cell Culture Water

Cat. No. CBUT001 | Size: 100 ML

1. Product Description

Sodium Butyrate is a short-chain fatty acid that acts as a histone deacetylase inhibitor depending on its concentration. Sodium Butyrate has the ability to increase the production efficiency of recombinant proteins in various cells including CHO cells, and thus can be used for recombinant protein production.

2. Composition

Component	g/L
Sodium Butyrate	110.1

3. Product Quality Specifications

Appearance	pH	Osmolality	Sterility
Colorless clear liquid	pH 7.0 ~ 9.0	169 ~ 209 mOsm/kg H_2O*	Sterile

*Osmolality is measured at a 1/10 dilution.

4. Storage Conditions and Precautions

Protect from direct light and store refrigerated (2~8°C). 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).