

Technical Information

Versene (EDTA) 0.1% Solution 1X

0.1% Versene in Dulbecco's Phosphate Buffered Saline

Product Code: TCL1020

Application:

Versene (Ethylenediaminetetraacetic acid or EDTA) is a chelating agent that binds divalent cations such as calcium and magnesium. Chelation of these cations leads to dissociation of cell monolayers and release of the cells into suspension.

Versene can be used as a wash prior to addition of trypsin or in combination with trypsin. The combination works faster than trypsin or versene alone because versene allows trypsin to hydrolyze specific intercellular peptide bonds and destabilize the intercellular matrix.

TCL1020 sterile filtered solution formulated to contain 0.1% EDTA in Dulbecco's phosphate buffered saline.

Quality control

Appearance

Colorless, clear solution

pH

6.70 -7.30

Osmolality in mOsm/Kg H₂O

270.00 -310.00

Sterility

No bacterial or fungal growth is observed after 14 days of incubation, as per USP specification.

Storage and Shelf Life

Shelf life of the product is 24 months.

Store the product at 2-8°C.

Use before expiry date given on the product label.

Disclaimer :

- User must ensure suitability of the product(s) in their application prior to use.
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