# Versene (EDTA) 0.1% Solution 1X

**0.1% Versene in Dulbecco's Phosphate Buffered Saline**
**Without Phenol Red**

**Product Code: TCL020**

## Product Description:

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.

TCL020 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 H$_2$O**
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 15-30°C.
Use before expiry date given on the product label.

Revision: 02/2022