

ETHYLENEDIAMINE TETRAACETIC ACID (EDTA OR VERSENE) pH 7.2

EDTA is used for dispersing cells and may be employed as either the disodium or tetrasodium salt. Occasionally the two salts are used in combination to give the desired pH although they have little buffering capacity in the physiological range.

| Material | Amount |
|----------------------------------|---------|
| Phenol Red | .003% |
| NaCl | 8.0 gm |
| KH ₂ P ₀₄ | 0.2 gm |
| KCl | 0.2 gm |
| Na ₂ HP ₀₄ | 1.15 gm |
| EDTA (disodium salt) | 0.2 gm |

Preparation

Dissolve in 1000 ml of distilled water. Dispense in convenient amounts and sterilize by autoclaving at 120°C for 15 minutes.