





PRODUCT CODE GP010

APPLICATION

A buffer solution is an aqueous solution consisting of a mixture of a weak acid and its conjugate base or a weak base and its conjugate acid. Its pH changes very little when a small amount of strong acid or base is added to it. Buffer solutions are used as a means of keeping pH at a nearly constant value in a wide variety of chemical applications.

REAGENT COMPOSITION

 $\begin{array}{cc} \text{Na}_2\text{HPO}_4 & 0.15 \text{ M} \\ \text{KH}_2\text{PO}_4 & 0.12 \text{ M} \end{array}$

REAGENT PREPARATION

The reagent is ready to use.

REAGENT STORAGE AND STABILITY

Buffer Solution is stable up to the stated expiry date when stored at 15-25° C.

SYMBOLS ON LABELS

Symbols	Signify	Symbols	Signify
REF	Catalogue Number	SIZE	Pack Size
Ω	Expiry Date	VOL	Volume
*	Storage Condition	LOT	Lot Number
[]i	Instruction for Use	IVD	In Vitro Diagnostics
\mathbb{A}	Manufacturing Date	•••	Manufacturer
Σ	Number of Tests	2	For Single Use Only
EC REP	EC Representative	Œ	European conformity

BIBILOGRAPHY

Text book of Clinical Chemistry, Robert W. TIETZ, 1800T