

EP NEUTRALISING DILUENT

Ready to use flasks

INTENDED USE: general purpose diluent for microbiological analysis, ready to use in flasks, prepared according to European Pharmacopoeia.

TYPICAL FORMULA (G/L)

Potassium dihydrogen phosphate	3.6
Disodium hydrogen phosphate anhydrous	5.7
Sodium chloride	4.3
Tryptone	1.0
Polysorbate (Tween™) 80	30.0
Lecithin (egg)	3.0
Histidine HCl	1.0

Directions

The liquid medium is ready to use. Final pH 7.0 ± 0.1

DESCRIPTION

EP Neutralising Diluent corresponds to the typical neutralising fluid recommended by EP 3rd Ed, as general purpose diluent with neutralising properties against antimicrobial agents.

If the solution has insufficient neutralising capacity, the concentration of Polysorbate 80 and lecithin may be increased or other neutralising compounds can be added to the ready to use flasks or tubes according to the follows recommendations:

Type of antimicrobial agent	Inactivator	Concentration
Phenolics	Sodium lauryl sulphate Tween 80 + Lecithin Egg yolk	4 g/l 30 g/l + 3 g/l 5 ml/l – 50 ml/l
Organo - mercurals	Sodium thioglycolate	0,5 g/l – 5 g/l
Halogens	Sodium thiosulphate	5 g/l
Quaternary ammonium compounds	Egg yolk	5 ml/l – 50 ml/l
Aldheides	Saponin + cisteine HCl	3 % + 0,1 %

TECHNIQUE

Homogenise the sample and/or prepare decimal dilutions of the sample using the diluent prepared as described. Leave at room temperature for 30-60 minutes. Inoculate the suitable culture media.

STORAGE

Store at 2-8°. When stored as directed the flasks remain stable until the expiry date shown on the label. Do not use beyond stated expiry date.

REFERENCE

European Pharmacopoeia (EP) 3rd Edition, 2001 Supplement

PACKAGING

511395N2

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6 x 90 ml ready to use flasks