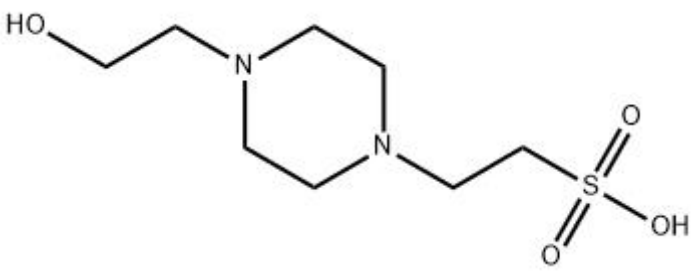


TECHNICAL DATA SHEET

Product	HEPES
Chemical Name	2-(4-(2-Hydroxyethyl)piperazin-1-yl)ethanesulfonic acid
CAS	7365-45-9
Chemical Formula	C ₈ H ₁₈ N ₂ O ₄ S
Molecular Weight	238.3
EINECS Number	230-907-9
Molecular structure	

SPECIFICATION :

ITEM	STANDARD LIMITS
Appearance	White crystalline powder
pH	5.0-6.5
Purity	99.00% Min

Packaging :

25KG drum or pack as customer requirements.

Application:

Biological buffer is a weak acid or base substance, which can be used to maintain the acidity or alkalinity of a solution at the desired pH value after the addition of an acid or base, stop the solution's pH from undergoing rapid changes. There are a wide variety of biological buffers with good solubility, both acidic and alkaline.

As pH regulator, it can be used in various fields including agriculture, food processing, biochemistry, pharmaceuticals, photography and so on. When applied in personal care products it can reduce the irritation of compounded products, strip the skin cuticle , keep a soft skin feeling and improve skin performance.