



Biological Buffers

Biological buffers are organic substances that maintain a constant pH over a given range by neutralizing the effects of hydrogen ions. Buffers also provide a pH environment conducive to critical biochemical processes, wherein a significant change in pH can lead to a harmful change in molecular structure, biological activity or functions. They keep the pH constant by taking up protons which are released during reactions, or by releasing protons when they are consumed by reactions. Buffers are a vital component for modeling biological systems and have many uses in cell culture, molecular biology, nucleic acid, protein purification, transformation and transfections.

Product Range

ITEM	CAS NUMBER	PACKING
ACES Buffer	7365-82-4	1 kg - 25 kg
BES Buffer	10191-18-1	1 kg - 25 kg
BICINE Buffer	150-25-4	1 kg - 25 kg
BIS-TRIS Buffer	6976-37-0	1 kg - 25 kg
CAPS Buffer	1135-40-6	1 kg - 25 kg
CHAPS Buffer	75621-03-3	100gm - 5 kg
CHAPSO Buffer	82473-24-3	25 gm - 1 kg
HEPES Buffer	7365-45-9	1 kg - 25 kg
HEPES Sodium Salt	75277-39-3	1 kg - 25 kg
MES Buffer	4432-31-9	1 kg - 25 kg
MES-H Buffer (MES Monohydrate)	145224-94-8	1 kg - 25 kg
MOPS Buffer	1132-61-2	1 kg - 25 kg
MOPSO Buffer	68399-77-9	1 kg - 25 kg
PIPES Buffer	5625-37-6	1 kg - 25 kg
TRICINE Buffer	5704-04-1	1 kg - 25 kg
TRIS Buffer	77-86-1	1 kg - 25 kg
TRIS Hydrochloride	1185-53-1	1 kg - 25 kg