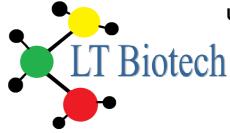
## **UAB "LT Biotech"**



Į.K. 302303586, PVM kodas LT 100004741118, Rugių 21-24, LT-08419, Vilnius Reg. Nr. 127918, V.Į. Registrų centras Vilniaus filialas Tel/fax +370 5 216 02 27

# HEPESBufferSolution,1MLTBSS04

#### **General Information**

HEPES (N-2-hydroxyethylpiperazine-N-2-ethane sulfonic acid) is a zwitterionic organic chemical bufferingagentcommonlyusedincellculture media. Itmaintains the pH in a range of 6.7–8.6 and the addition of 10 to 25 mM HEPES provides extra buffering capacity when cellculture requires extended periods of manipulation outside of a CO  $_2$  in cubator. HEPES is suitable for many cellculture systems because it is membrane impermeable, has limited effect on biochemical reactions, is chemically and enzymatically stable. HEPES Buffer Solution is prepared in cellculture gradewater.

### **Product Specifications**

Appearance	Clearliquid	
CAS No.	7365-45-9	
Storage and shelf life	Storeat+2°Cto+8°Cprotectedfromlight.	
	$Once opened store at +2 to +8 ^{\circ} Can du se within 24 month.$	
Shipping conditions	Ambient	
Working concentration	Recommended final concentration: 10 – 40 mM	

#### **Formulation**

Component	concentration mg/l
HEPES	238300

#### **Precautions and Disclaimer**

This product is for research use only.