



Product Information

HEPES Buffer Solution (1 M)

Catalog no: GBHS01/01F

General Information

N-2-hydroxyethylpiperazine-N-2-ethane sulfonic acid, also known as HEPES, is a zwitterionic organic chemical buffering agent frequently used in cell culture medium. By adding 10 to 25 mM, it keeps the pH between 6.7 and 8.6. When cell growth needs to be handled for lengthy periods of time outside of a CO₂ incubator, HEPES offers additional buffering capacity. HEPES is appropriate for a variety of cell culture methods because it is membrane impermeable, has little impact on biochemical processes, and is chemically and enzymatically stable. Cell culture grade water is used to make HEPES Buffer Solution.

Specification

Appearance	Clear liquid
Storage and shelf life	Store at +2°C to +8°C protected from light. Once opened store at +2°C to +8°C and use within 24 months.
Shipping conditions	Ambient
Working concentration	Recommended final concentration: 10 – 40 mM

Formulation

Component	Concentration g/L
HEPES	238.3

Need Help?

If you have any further queries, please feel free to email our cell culture specialists at info@genexisbiotech.com

Disclaimer:

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