

Product Specification Sheet

Product: 1.0 M HEPES, pH 7.2 (DEPC Treated)

Code: MB-062-0100

Lot # 999851

Size: 100 ml

Physical State: Liquid (sterile filtered)

Protein Concentration: Not applicable

Buffer Composition: This buffer consists of 1.0 M HEPES at a pH of 7.2 and was prepared using ultra pure reagents dissolved in DEPC treated pharmaceutical grade deionized water.

Chemical Synonym: HEPES (4-(2-Hydroxyethyl)-piperazine-1-ethanesulfonic acid.

Molecular weight: 238.3 g/mol

Molecular Formula: C₈H₁₈N₂O₄S

Preservative: None

Application(s): Suitable for molecular immunology, molecular biology and nucleic acid methodologies, when applicable. Visit our newly expanded web site at www.rockland-inc.com for methods using this and other buffers.

Recommended Dilution(s): This product is a concentrated stock solution and should be diluted appropriately with molecular biology grade water or equivalent to its final working concentration.

Storage Conditions: Store container at room temperature (18° to 26° C). If desired, the solution may be stored at 4° C or less. Some salts may precipitate out of solution at lower temperature. Allow buffer to equilibrate to room temperature (18° to 26° C) to restore solubility of some salts. Expiration date is six (6) months from date of opening container.

Sterilization: This product was aseptically filtered through a Millipore 0.22-micron filter into clean, pre-sterilized containers. The product was tested on trypticase soy agar for 24 hours, 48 hours and 72 hours and was found to be negative for bacteria.

Note: This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information.