

Hank's Buffered Salt Solution

Hank's Buffered Salt Solution is a buffer used to maintain a physiological pH for cells maintained in non-CO₂ atmospheric conditions.

Complete Certificate of Analysis available for each production lot, along with full formulation information.

Product Formulation

Hank's Buffered Salt Solution with Calcium and Magnesium without Phenol Red

Component	gm/L
Calcium chloride (CaCl ₂)	0.3995
Magnesium sulphate (MgSO ₄)	0.049
Magnesium sulphate (MgSO ₄ ·7H ₂ O)	1
Potassium chloride (KCl)	0.4
Potassium phosphate monobasic (KH ₂ PO ₄ · H ₂ O)	0.06
Sodium chloride (NaCl)	8.01
Sodium phosphate dibasic (Na ₂ HPO ₄ · 2H ₂ O)	0.062
Sodium phosphate anhydrous (Na ₂ HPO ₄)	0.048
D-glucose (Dextrose)	1
Sodium bicarbonate (NaHCO ₃)	0.35

Product Presentation

Product Code	Product Description	Size
LSGHBSS-002L	Hank's Buffered Salt Solution with Calcium and Magnesium without Phenol Red	1000 mL
LSGHBSS-002A	Hank's Buffered Salt Solution with Calcium and Magnesium without Phenol Red	500 mL

For Research use only. Not approved for human or veterinary use, for application to humans or animals, or for use in clinical or *in vitro* procedures.

Support

Life Science Production is a division of Life Science Group Ltd.
Life Science Production is [ISIA Traceability Certified](#)
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