

## Product Data Sheet

### **Hanks' Balanced Salts, w/o Ca & Mg, with Phenol Red, Sterile-Filtered Product No. GB-HBSS-500A**

#### **Product Specifications**

Hank's Balanced Salt Solution (HBSS) is used for a variety of cell culture applications, such as rinsing cells, transporting cells or tissue samples, diluting cells for counting, and preparing reagents. The essential function of a balanced salt solution is to maintain pH and osmotic balance as well as providing cells with water and essential inorganic ions. Formulations with calcium and magnesium are generally used as transport media, or for reagent preparation.

pH	7.0 - 7.6
Osmolality	240 - 320 mOsm/kg
Endotoxin	≤1 EU/ml
Sterility	Tested
Storage	Store at +15°C to +25°C.

#### **Formulation**

<b>Component (g/l)</b>	<b>(g/l)</b>
Calcium chloride di-hydrate	-
D-Glucose	1.0
Magnesium sulfate	-
Phenol red sodium salt	0.011
Potassium chloride	0.4
Potassium phosphate monobasic anhydrous	0.06
Sodium bicarbonate	0.35
Sodium chloride	8.0
Sodium phosphate dibasic anhydrous	0.048

#### **Precautions and Disclaimer**

This product is for research use only.