





Product Sheet

Hank's Balanced Salt Solution (HBSS), 1X (ATCC® 30-2213™)

Please read this FIRST



Storage Temp.
Store Hank's BSS at ambient temperatures, between 15°C and 30°C



Biosafety Level
*

Description

Product Description:

For washing cells, for use as a diluent, or for use as an inorganic base for standard media preparation.

Volume: 500 mL

Quality Control Specifications

Lot specific results are available in the Certificate of Analysis, which is available at www.atcc.org or by contacting ATCC technical service.

SPECIFICATION CERTIFICATE

Test	Specification
pH ¹	7.1 to 7.4
Osmolality ²	256 to 286 mOsm/kg
Endotoxin ³	≤ 0.25 EU/mL
Mycoplasma ⁴	Tested Negative
Sterility ⁵	Pass

*Please consult the Certificate of Analysis for lot-specific test results.

1. Measured with a standard pH meter. Meters are calibrated daily using standards traceable to the National Institute of Standards Technology using guidelines outlined in the current edition of USP.
2. Measured with a standardized osmometer, i.e. freezing point depression. Meters are calibrated daily using standards traceable to the National Institute of Standards Technology using guidelines outlined in the current edition of USP.
3. Chromogenic LAL Assay using guidelines outlined by the manufacturer & FDA (December 1987), "Validation of the Limulus Amebocyte Lysate Test as an End Product Endotoxin Test for Human and Animal Parenteral Drugs, Biological Products, and Medical Devices".
4. Large volume method of Kern and Barile as per "Isolation of Mycoplasmas from Cell Culture by Agar and Broth Techniques," M.F. Barile and G.J. McGarrity in *Methods in Mycoplasmaology*, Vol. 11.5 Razin and J.G. Tulley, eds., Academic Press, NY (1983) pp. 159-165.
5. Tested by membrane filtration techniques.

ATCC Warranty

The viability of ATCC® products is warranted for 30 days from the date of shipment, and is valid only if the product is stored and cultured according to the information included on this product information sheet. ATCC lists the media formulation that has been found to be effective for this strain. While other, unspecified media may also produce satisfactory results, a change in media or the absence of an additive from the ATCC recommended media may affect recovery, growth and/or function of this strain. If an alternative medium formulation is used, the ATCC warranty for viability is no longer valid.

Disclaimers

This product is intended for laboratory research purposes only. It is not intended for use in humans.

While ATCC uses reasonable efforts to include accurate and up-to-date information on this product sheet, ATCC makes no warranties or representations as to its accuracy. Citations from scientific literature and patents are provided for informational purposes only. ATCC does not warrant that such information has been confirmed to be accurate.

This product is sent with the condition that you are responsible for its safe storage, handling, and use. ATCC is not liable for any damages or injuries arising from receipt and/or use of this product. While reasonable effort is made to insure authenticity and reliability of strains on deposit, ATCC is not liable for damages arising from the misidentification or misrepresentation of cultures.

Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at www.atcc.org

American Type Culture Collection
PO Box 1549
Manassas, VA 20108 USA
www.atcc.org

800.638.6597 or 703.365.2700
Fax: 703.365.2750
Email: Tech@atcc.org

Or contact your local distributor

Additional information on this culture is available on the ATCC web site at www.atcc.org.

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