




Product Sheet

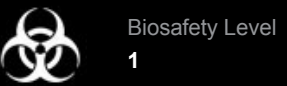
# Penicillin-Streptomycin Solution (ATCC® 30-2300™)

Please read this **FIRST**



Storage Temp.  
**-20°C or colder**

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Biosafety Level  
**1**

## Description

**Product Description:** 10,000 I.U./mL Penicillin, 10,000 (µg/mL) Streptomycin For reducing the chances of microbial contamination in cell culture. Between 0.5 and 1 mL of Penicillin-Streptomycin solution are added to 100 mL of cell culture media for a final concentration of 50 to 100 I.U./mL penicillin and 50 to 100 (µg/mL) streptomycin.

**Volume:** 100 mL

## Directions for Use

Between 0.5 and 1 mL of Penicillin-Streptomycin solution are added to 100 mL of cell culture media for a final concentration of 50 to 100 I.U./mL penicillin and 50 to 100 µg/mL streptomycin.

### Quality Control Specifications

Lot-specific test results are listed in the Certificate of Analysis, which is available at [www.atcc.org](http://www.atcc.org) or by contacting ATCC Technical Service.

### SPECIFICATION CERTIFICATE

Test	Specification
pH <sup>1</sup>	Report results
Osmolality <sup>2</sup>	Report results
Endotoxin <sup>3</sup>	≤ 0.25 EU/mL @ 1:100
Antimicrobial Activity <sup>4</sup> (1:100)	Inhibition of <i>S. aureus</i> & <i>E. coli</i>
Sterility <sup>5</sup>	Pass

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. Measured using Minimal Inhibitory Concentration (MIC). At 100 CFU/mL, MIC must meet user concentration.
5. Tested by a modified membrane filtration technique.

## 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](http://www.atcc.org)

Additional information on this culture is available on the ATCC web site at [www.atcc.org](http://www.atcc.org).

American Type Culture Collection  
PO Box 1549  
Manassas, VA 20108 USA  
[www.atcc.org](http://www.atcc.org)

800.638.6597 or 703.365.2700  
Fax: 703.365.2750  
Email: [Tech@atcc.org](mailto:Tech@atcc.org)


Or contact your local distributor



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*Or contact your local distributor*