**Designation:** NRS 1221A  
**Deposited Name:** Bacillus subtilis var. niger Smith et al.  
**Product Description:** Used as a sterilization control strain. This strain is recommended by ATCC® for use in the tests described in military specification MIL-S-36586A and U.S. Pharmacopeia, 23rd rev., 1976-1981, 1995 where only the taxon is specified. Used in sterility assurance, as a dry heat sterilization control, and ethylene oxide sterilization control.

**Medium**  
ATCC® Medium 3: Nutrient agar or nutrient broth

**Growth Conditions**  
**Temperature:** 30°C  
**Atmosphere:** Aerobic

**Propagation Procedure**
1. Open vial according to enclosed instructions.
2. Using a single tube of #3 broth (5 to 6 mL), withdraw approximately 0.5 to 1.0 mL with a Pasteur or 1.0 mL pipette. Rehydrate the entire pellet.
3. Aseptically transfer this aliquot back into the broth tube. Mix well.
4. Use several drops of the suspension to inoculate a #3 agar slant and/or plate.
5. Incubate the tubes and plate at 30°C for 24 hours.

Formerly *Bacillus subtilis*. Deposited as *Bacillus subtilis* var. *niger*.

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

References and other information relating to this product are available online at www.atcc.org.

**Biosafety Level: 1**

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the current publication of the *Biosafety in Microbiological and Biomedical Laboratories* from the U.S. Department of Health and Human Services Centers for Disease Control and Prevention and National Institutes for Health.

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Product Sheet

Bacillus atropheus
(ATCC® 9372™)

Please read this FIRST

Storage Temp.
Frozen: -80°C or colder
Freeze-Dried: 2°C to 8°C
Live Culture: See Propagation Section

Biosafety Level
1

Intended Use

This product is intended for research use only. It is not intended for any animal or human therapeutic or diagnostic use.

Citation of Strain

If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: Bacillus atropheus (ATCC® 9372™)