Designation: NCIB 8948 [3]
Deposited Name: Azotobacter beijerinckii Lipman

Medium
ATCC® Medium 14: Azotobacter medium

Growth Conditions
Temperature: 30.0°C

Propagation Procedure
1. Open vial according to enclosed instructions.
2. From a single tube of #14 broth (5 to 6 ml), withdraw approximately 0.5 to 1.0 ml with a Pasteur or 1.0 ml pipette and use to rehydrate the pellet.
3. Aseptically transfer the rehydrated pellet back into the broth tube. Mix well.
4. Incubate at 30°C. Growth should occur in 3 to 5 days.
5. After growth appears in the broth, a second tube of broth, a slant, and/or a plate may be inoculated. It is advisable to establish good growth in the primary tube before making subsequent transfers.

Notes
Strain is non-motile and stains Gram negative. Cells are large, ovoid and pleomorphic, ranging from rods to cocci. Cells occur singly, in pairs, some irregular clumps, and some in chains of varying length. Strain forms cysts but no endospores are formed.

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

Azotobacter beijerinckii
(ATCC® 19360™)

Please read this FIRST

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: Azotobacter beijerinckii (ATCC® 19360™)