**Designation:** 17-5 [BUCSAV 217, BUCSAV 449, Glaxo 664, ICPB 2080, NCDO 82, NCIB 6376, NCIB 8014, NCIB 8030]

**Deposited Name:** Lactobacillus arabinosus

**Product Description:** Used in the assay of biotin, tryptophan, niacinamide [nicotinamide], nicotinic acid [niacin], pantothenic acid, and calcium pantothenate. Metabolizes mevalonic acid; produces lactic acid [lactate].

**Medium**

ATCC® Medium 416: Lactobacilli MRS Agar/Broth

**Growth Conditions**

**Temperature:** 37°C

**Atmosphere:** 5% CO₂

**Propagation Procedure**

1. Open vial according to enclosed instructions.
2. Using a single tube of #416 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 #416 agar slant and/or plate.
5. Incubate the tubes and plate at 37°C for 24 hours.

When used as a Bacteriophage host, best results are achieved by using a 24 hours culture. Purified genomic DNA of this strain is available as ATCC® 8014D-5™.

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.**

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Product Sheet

*Lactobacillus plantarum* (ATCC® 8014™)

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: *Lactobacillus plantarum* (ATCC® 8014™)

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

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