



Lactiplantibacillus plantarum (Orla-Jensen) Zheng et al.

8014TM

Description

Lactiplantibacillus plantarum strain 17-5 is a whole-genome sequenced bacterium known to produce lactic acid. This strain is recommended as a test microorganism for USP <441> and USP <91>.

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

Deposited As: *Lactobacillus arabinosus* Fred et al.

Type strain: No

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Storage Conditions

Product format: Freeze-dried

Storage conditions: 2°C to 8°C

Intended Use

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BSL 1

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Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

Growth Conditions

Medium:

ATCC Medium 416: Lactobacilli MRS Agar/Broth

Temperature: 37°C

Atmosphere: 95% Air, 5% CO₂

Handling Procedures

1. Open vial.
 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.
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Notes

When used as a Bacteriophage host, best results are achieved by using a 24 hours culture.

Purified genomic DNA of this strain is available (ATCC 8014D-5, ATCC 8014DQ).

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

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Lactiplantibacillus plantarum* (Orla-Jensen) Zheng et al. (ATCC 8014)

References

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

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8014

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Product Sheet

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