



Product Sheet

# *Lactobacillus fermentum* (ATCC® 9338™)

Please read this FIRST



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

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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 fermentum* (ATCC® 9338™)

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

## Description

**Designation:** 36 [BUCSAV 233, NCDO 215, NCIB 6991, NCIB 8028, NCTC 6991]

**Deposited Name:** *Lactobacillus fermentum* Beijerinck

**Product Description:** Used in the assay of alanine, thiamine [vitamin B<sub>1</sub>], histidine, and pyriithiamine.

## Propagation

### Medium

ATCC® Medium 416: Lactobacilli MRS Agar/Broth

### Growth Conditions

**Temperature:** 37°C

**Atmosphere:** 5% CO<sub>2</sub>

### Propagation Procedure

1. Open vial according to enclosed instructions.
2. From 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 and use to rehydrate the entire pellet.
3. Aseptically transfer the rehydrated pellet back into the broth tube. Mix well.
4. Use several drops of this suspension to inoculate a second tube of broth, a slant and/or a plate.
5. Incubate tubes and plate at 37°C in an atmosphere of 5% CO<sub>2</sub> for 48 hours. Loosen screw caps of all test tubes during the incubation period.

## Notes

Colonies on #416 agar are round, flat to convex, opaque, smooth and glistening. Additional information on this culture is available on the ATCC® web site at [www.atcc.org](http://www.atcc.org).

## References

References and other information relating to this product are available online at [www.atcc.org](http://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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Additional information on this culture is available on the ATCC web site at [www.atcc.org](http://www.atcc.org).  
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