



# *Limosilactobacillus fermentum* (Beijerinck) Zheng et al.

9338™

## Description

*Limosilactobacillus fermentum* strain 36 can be used in assays of alanine, histidine, pyrithiamine, and thiamine.

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

**Deposited As:** *Lactobacillus fermentum* Beijerinck

**Type strain:** No

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## Storage Conditions

**Product format:** Freeze-dried

**Storage conditions:** 2°C to 8°C

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## Intended Use

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

diagnostic use.

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## **BSL 1**

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ATCC highly recommends that appropriate personal protective equipment is always used when handling vials. For cultures that require storage in liquid nitrogen, it is important to note that some vials may leak when submersed in liquid nitrogen and will slowly fill with liquid nitrogen. Upon thawing, the conversion of the liquid nitrogen back to its gas phase may result in the vial exploding or blowing off its cap with dangerous force creating flying debris. Unless necessary, ATCC recommends that these cultures be stored in the vapor phase of liquid nitrogen rather than submersed in liquid nitrogen.

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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](http://www.atcc.org).

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## **Growth Conditions**

**Medium:**

ATCC Medium 416: Lactobacilli MRS Agar/Broth

**Temperature:** 37°C

**Atmosphere:** 95% Air, 5% CO<sub>2</sub>

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## Handling Procedures

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.
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## 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).

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## Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Limosilactobacillus fermentum* (Beijerinck) Zheng et al. (ATCC 9338)

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## References

References and other information relating to this material are available at [www.atcc.org](http://www.atcc.org).

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## Contact Information

ATCC

10801 University Boulevard

Manassas, VA 20110-2209

USA

US telephone: 800-638-6597

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Product Sheet

Worldwide telephone: +1-703-365-2700

Email: [tech@atcc.org](mailto:tech@atcc.org) or contact your local distributor

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