



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

BAA-2842™

Description

Limosilactobacillus fermentum strain IDCC 3901 is a bacterium that was isolated in South Korea from homemade cheese. This strain is cited to be non-virulent and it can be used in probiotics research.

Strain designation: IDCC 3901

Deposited As: *Lactobacillus fermentum*

Type strain: No

Storage Conditions

Product format: Frozen

Storage conditions: -80°C or colder

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.

BSL 1

ATCC determines the biosafety level of a material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to understand the hazards associated with the material per your organization's policies

and procedures as well as any other applicable regulations as enforced by your local or national agencies.

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.

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 thawed vial.
2. Aseptically transfer the entire contents to a 5-6 mL tube of #416 broth.

Additional test tubes can be inoculated by transferring 0.5 mL of the primary broth tube to these secondary broth tubes.

3. Use several drops of the primary broth tube to inoculate a #416 plate and/or #416 agar slant.
4. Incubate at 37°C for 24 hours in an atmosphere of 5% CO₂.

Notes

This organism will also grow anaerobically.

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: *Limosilactobacillus fermentum* (Beijerinck) Zheng et al. (ATCC BAA-2842)

References

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

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Revision

This information on this document was last updated on 2025-06-19

Contact Information

ATCC

10801 University Boulevard

Manassas, VA 20110-2209

USA

US telephone: 800-638-6597

Worldwide telephone: +1-703-365-2700

Email: tech@atcc.org or contact your local distributor
