



# CERTIFICATE OF ANALYSIS

**ATCC® Number:** 4797™  
**Lot Number:** 70047708

**Organism:** *Lactobacillus leichmannii*  
**Fill Volume:** 0.25 mL

Note: If material is in lyophilized format, the fill volume denotes the volume filling into the vial prior to drying.

**Product Format:** Bacterial cells suspended in an appropriate cryoprotectant  
**Expiration Date:** Not applicable  
**Storage Conditions:** 2°C to 8°C for freeze-dried cultures

Test / Method	Specification	Result
<b>Gram stain and cell morphology</b> (Visual observation method)	Gram stain (when applicable) and cell morphology are consistent with the organism being tested.	Gram-positive, non-motile rods arranged in singles, pairs, and chains; some rods are pleomorphic
<b>Colony description</b> (Visual observation method)	Colony description is consistent with the organism being tested.	Translucent, pinpoint, size-variable, entire, circular, smooth, and low convex
<b>Purity</b> (Visual observation method)	Sample material is inoculated onto non-selective media. Cultures are examined macroscopically and microscopically after incubation. Cultures show no evidence of aberrant growth.	No evidence of aberrant growth
<b>Viability (confluency plate)</b> (Visual observation method)	Sample material is viable.	Discrete colonies (300+) on dilution plate, >10 <sup>4</sup> cfu/vial
<b>Phenotypic testing</b>	Sample material is evaluated with a defined battery of phenotypic tests including evaluation by manual biochemical characterization. Results are consistent with the organism being tested.	Catalase: negative Oxidase: negative Biochemical results are consistent with the organism being tested.
<b>Genotypic testing</b>	Sample material is evaluated by 16S ribosomal gene sequencing. Results are consistent with the organism being tested.	Matches GenBank accession AB289093

Quality Assurance Specialist; Quality Assurance

ATCC hereby represents and warrants that the material provided under this certificate is pure and has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and correct to the best of the company's knowledge and belief. This certificate does not extend to the growth and/or passage of any living organism or cell line beyond what is supplied within the container received from ATCC.

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or contact your local distributor



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This product is intended to be used for laboratory research use only. It is not intended for use in humans, animals, or for diagnostics. Appropriate Biosafety Level (BSL) practices should always be used with this material. Refer to the Product Information Sheet for instructions on the correct use of this product.

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