



Product Sheet

***Leuconostoc  
mesenteroides subsp.  
mesenteroides* (ATCC®  
9135™)**

Please read this **FIRST**



**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: *Leuconostoc mesenteroides subsp. mesenteroides* (ATCC® 9135™)

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:** 535

**Deposited Name:** *Leuconostoc mesenteroides subsp. mesenteroides* (Tsenkovskii) van Tieghem

**Propagation**

**Medium**

ATCC® Medium 416: Lactobacilli MRS Agar/Broth

**Growth Conditions**

**Temperature:** 26.0°C

**Propagation Procedure**

1. Open vial according to enclosed instructions.
2. Using a single tube of medium #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 second tube of broth, a agar slant and/or plate.
5. Incubate the tubes and plate at 30°C for 24 to 48 hours.

**Notes**

Colonies on #416 agar are small, circular, entire, smooth, glistening, opaque, and off-white in color.

The cells are Gram positive, non-motile, short rods occurring singly, in pairs, and in chains. They may be coccobacillary, especially when occurring in chains.

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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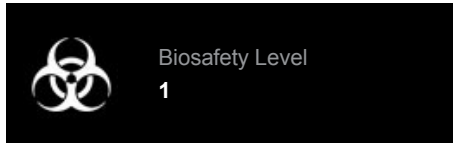
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