



Product Sheet

Thermanaerovibrio *acidaminovorans* (ATCC® 49978™)

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: *Thermanaerovibrio acidaminovorans* (ATCC® 49978™)

American Type Culture Collection
PO Box 1549
Manassas, VA 20108 USA
www.atcc.org

800.638.6597 or 703.365.2700
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Description

Designation: Su883 [DSM 6589]

Deposited Name: *Selenomonas acidaminovorans* Guangsheng et al.

Propagation

Medium

ATCC® Medium 1834: Wilkins-Chalgren anaerobe medium (Oxoid CM643) with 2% yeast extract

Growth Conditions

Temperature: 55.0°C

Atmosphere: Anaerobic

Propagation Procedure

1. Open vial according to enclosed instructions.
2. Under anaerobic conditions, withdraw 0.5 ml of the #1834 broth from a single tube (5 to 6 ml) and rehydrate the entire vial contents.
3. Aseptically transfer this aliquot back into the broth tube and inoculate a secondary broth with 0.1 ml of the cell suspension. Streak #1834 agar colony morphology and streak several sheep blood agar plates to check for purity.
4. Incubate tubes, #1834 agar, and one sheep blood plate under anaerobic conditions at 55°C. Incubate second sheep blood agar plate aerobically at 37°C for aerobic contamination check.
5. Within 72 hours, growth in broth is evident by good turbidity.

ANAEROBIC CONDITIONS:

- Tubes of media are placed under a gassing cannula system connected to a source of oxygen-free gas.
- All transfers are performed while the test tubes are on the cannula system with a gentle stream of oxygen free gas flowing through the system.
- As the test tubes are removed from the cannula system each is sealed with butyl rubber stopper thus maintaining the anaerobic headspace. A 80% nitrogen-10% hydrogen-10% carbon dioxide gas mixture is typically employed as the oxygen-free gas source

Notes

Additional information on this culture is available on the ATCC® web site at www.atcc.org.

References

References and other information relating to this product are available online at 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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