



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™)

### 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](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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Product Sheet

***Thermanaerovibrio***  
***acidaminovorans*** (ATCC®)  
**49978™**

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