Designation: NCA 3814 (thermophilic anaerobe) [L.S. McClung 2032, NCIB 9385]
Deposited Name: Thermoanaerobacterium thermosaccharolyticum (McClung) Collins et al.
Product Description: Type strain

Medium
ATCC® Medium 1869: PRAS-PYG with Tween 80

Growth Conditions
Temperature: 45°C
Atmosphere: Anaerobic

Propagation Procedure
1. Open vial according to enclosed instructions or visit www.atcc.org for instructions.
2. Under anaerobic conditions aseptically rehydrate the entire pellet with approximately 0.5 mL of #1869 broth. Aseptically transfer the entire contents to a 5-6 mL tube of #1869 broth. Additional test tubes can be inoculated by transferring 0.5 mL of the primary broth tube to these secondary broth tubes. Best practice dictates the use of pre-reduced media.
3. Use several drops of the primary broth tube to inoculate a #1869 plate and/or #1869 agar slant.
4. Incubate in an anaerobic atmosphere at 45°C for 2 to 5 days. Incubate one agar plate aerobically at 37°C to check for contamination.

ANAEROBIC CONDITIONS:
Anaerobic conditions for transfer may be obtained by the use of an anaerobic gas chamber or placement of test tubes under a gassing cannula system connected to anaerobic gas.

Anaerobic conditions for incubation may be obtained by any of the following:
- Loose screw caps on test tubes in an anaerobic chamber
- Loose screw caps on test tubes in an activated anaerobic gas pack jar
- Use of sterile butyl rubber stoppers on test tubes so that an anaerobic gas headspace is retained

Notes
Will grow on Brucella blood agar. Will not grow on agar that does not contain a fermentable carbohydrate. 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.

ATCC Warranty
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Disclaimers
This product is intended for laboratory research purposes only. It is not intended for use in humans.
Product Sheet

Thermoanaerobacterium thermosaccharolyticum (ATCC® 7956™)

Storage Temp.
- Frozen: -80°C or colder
- Freeze-Dried: 2°C to 8°C
- Live Culture: See Propagation Section

Biosafety Level
1

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: *Thermoanaerobacterium thermosaccharolyticum* (ATCC® 7956™)

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Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at www.atcc.org

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

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