Designation: MLHE-1
Deposited Name: Unidentified bacterium
Product Description: Oxidizes arsenite

Medium
ATCC® Medium 2100: Bacillus haloalkaliphile medium

Growth Conditions
Temperature: 26°C
Atmosphere: Anaerobic gas mixture, 80% N₂-20% CO₂

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 #2100 broth. Aseptically transfer the entire contents to a 5-6 mL tube of #2100 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. Incubate in an anaerobic atmosphere at 26°C for 7-10 days. Incubate one blood 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

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

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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: *Alkalilimnicola ehrlichii* (ATCC® BAA-1101™)

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