**Alicyclobacillus disulfidooxidans (ATCC® 51911™)**

Please read this FIRST

**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: Alicyclobacillus disulfidooxidans (ATCC® 51911™)

**Description**

Designation: SD-11 [DSM 12064]

Deposited Name: Sulphobacillus disulfidooxidans Dufresne et al.

**Propagation**

**Medium**

ATCC® Medium 2091: Sulphobacillus disulfidooxidans medium

**Growth Conditions**

Temperature: 35.0°C

Atmosphere: Aerobic with shaking

**Propagation Procedure**

1. Open vial according to enclosed instructions.
2. Using a single tube of #2091 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 additional broth tubes, and a plate of a non-selective medium.
5. Incubate all tubes at 35°C with shaking for 48 to 72 hours. Incubate plate at 35°C.

This organism does not grow on agar therefore no growth should be detected on the non-selective plate.

Cells are Gram positive rods that occur singly and in pairs. As the culture ages the cells may appear pleomorphic.

**Notes**

**References**

References and other information relating to this product are available online at www.atcc.org.

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Biosafety Level

1

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