**Designation:** SP-6  
**Deposited Name:** *Leptothrix discophora* (Schwers) Dorff

**Medium**  
ATCC® Medium 1917: MSVP medium

**Growth Conditions**  
**Temperature:** 20.0°C

**Propagation Procedure**
1. From a sterile stock supply of #1917 broth, aseptically transfer 10 ml to a sterile 125 ml flask.
2. Open the frozen vial and aseptically transfer the contents of the vial into the 125 ml flask.
3. Incubate flask at 20°C for 2-4 days. After growth has been detected more broth can be added to the flask or the culture can be transferred to fresh broth and slants. Growth in broth test tubes will take slightly longer.

Three colony types observed on #1917 are a) small, entire, circular, smooth, pinpoint, and opaque; b) small, filamentous, translucent, rough, and umbonate; c) large, raised, entire, glistening, circular, smooth, and translucent.

Culture conditions encouraging slow growth are important in maintaining the sheath. This can be achieved by lowering the incubation temperature (20°C rather than 26°C) and by incubating broth cultures statically.

Additional information on this culture is available on the ATCC® web site at [www.atcc.org](http://www.atcc.org).

**References and other information relating to this product are available online at [www.atcc.org](http://www.atcc.org).**

**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

*Leptothrix cholodnii*

(ATCC® 51168™)

**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: *Leptothrix cholodnii* (ATCC® 51168™)

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