



Product Sheet

Calothrix sp. (ATCC® 27905™)

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: *Calothrix* sp. (ATCC® 27905™)

Description

Designation: PCC 7103 [SAUG B-1466-1, UTEX 583]

Deposited Name: *Calothrix* sp.

Propagation

Medium

ATCC® Medium 616: Medium BG-11 for blue-green algae

Growth Conditions

Temperature: 26.0°C

Atmosphere: Under light intensity of 2,000-3,000 lux

Propagation Procedure

Incubate test tube cultures under above conditions upon receipt. **DO NOT STORE IN A REFRIGERATOR.** It is helpful to incubate test tubes in a slanted position to increase gas exchange in broth and to enhance exposure to light. Transfer culture to fresh media within one week of arrival, as follows:

1. Withdraw 0.6 ml from the base of a broth culture where cells are concentrated, or harvest cells from a slant culture with 0.6 ml of #616 broth.
2. Using this aliquot, inoculate one broth and one slant tube with 0.2 and 0.4 ml respectively.
3. Incubate tubes at 26°C under 2000-3000 LUX light

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.

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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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