



Product Sheet

# *Cyanothece* sp. (ATCC®) 29141™)

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: *Cyanothece* sp. (ATCC® 29141™)

American Type Culture Collection  
PO Box 1549  
Manassas, VA 20108 USA  
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Fax: 703.365.2750  
Email: [Tech@atcc.org](mailto:Tech@atcc.org)

Or contact your local distributor

## Description

**Designation:** PCC 7425  
**Deposited Name:** *Synechococcus* 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**

1. Open vial according to enclosed instructions.
2. Using a single tube of #616 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 a #616 agar slant and/or plate.
5. Incubate the tubes and plate at 26°C for up to 3 weeks under 2,000-3,000 lux light.

## Notes

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

## References

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

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