



***Heliophrya* sp.**

30727™

Description

Strain designation: PWS

Deposited As: *Heliophrya* sp.

Type strain: No

Storage Conditions

Product format: Frozen

Intended Use

This product is intended for laboratory research use only. It is not intended for any animal or human therapeutic use, any human or animal consumption, or any diagnostic use.

BSL 1

ATCC determines the biosafety level of a material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to understand the hazards associated with the material per your organization's policies and procedures as well as any other applicable regulations as enforced by your local or national agencies.

ATCC highly recommends that appropriate personal protective equipment is always used when handling vials. For cultures that require storage in liquid nitrogen, it is important to note that some vials may leak when submersed in liquid nitrogen and

will slowly fill with liquid nitrogen. Upon thawing, the conversion of the liquid nitrogen back to its gas phase may result in the vial exploding or blowing off its cap with dangerous force creating flying debris. Unless necessary, ATCC recommends that these cultures be stored in the vapor phase of liquid nitrogen rather than submersed in liquid nitrogen.

Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

Growth Conditions

Temperature: 22°C

Incubation: grown with mixed flora and fauna

Handling Procedures

Food source Paramecium tetraurelia ATCC 30303, not supplied. Grown with mixed flora and fauna. Empty the thawed contents of a vial into a petri dish and if necessary add distilled water to cover the bottom of the dish. Allow Heliophrya cells to attach to the bottom of the dish (overnight). Feed with a culture of paramecia every 7-21 days. New cultures may be established by: 1) adding a coverslip to the petri dish, allowing larvae to attach, then transferring the coverslip to another petri dish; or 2) transferring adult Heliophrya floating in surface film to a new dish by means of a wire loop.

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Heliophrya* sp. (ATCC 30727)

References

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

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Product Sheet

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