



Halorhodospira halochloris (Imhoff and Truper) Imhoff and Suling

35916™

Description

Strain designation: BN 9850 [DSM 1059, Imhoff A]

Deposited As: *Ectothiorhodospira halochloris* Imhoff and Truper

Type strain: Yes

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.

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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: 26°C

Atmosphere: Anaerobic

Handling Procedures

1. Put 6 to 8 ml of ATCC® Medium #1410 into a 13x100 mm screw cap test tube (small). Add 1.5% sodium sulfide (stock concentration, 1 drop / each ml of medium) and then fill the test tube to capacity with additional #1410. Seal the test tube with a screw cap.
2. Let the tube sit at room temperature for 30 minutes. Thaw the liquid nitrogen vial at room temperature just prior to inoculating the reduced tube of Medium

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#1410.

3. Aseptically remove 0.5 ml of the pre-reduced medium and replace it with the thawed liquid nitrogen culture.

4. Transfer the rehydrated pellet back into the screw cap test tube and close tightly. (The test tube should be filled to capacity).

5. Incubate the culture at 26°C under a tungsten lamp.

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Halorhodospira halochloris* (Imhoff and Truper) Imhoff and Suling (ATCC 35916)

References

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

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