



Product Sheet

# *Marichromatium sp.* (ATCC® 35206™)

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: *Marichromatium sp.* (ATCC® 35206™)

## Description

**Designation:** Gest/Favinger [HPC]

**Deposited Name:** *Chromatium vinosum* (Ehrenberg) Winogradsky

## Propagation

### Medium

ATCC® Medium 1370: Van Niel's yeast agar (ATCC medium 112) with 2.5% NaCl

### Growth Conditions

**Temperature:** 26°C

**Atmosphere:** Anaerobic

### Propagation Procedure

1. Put 6 to 8 mL of ATCC Medium #1370 into a 13x100 mm screw cap test tube (small). Add 3.0 % cysteine (stock concentration, 2 mL/100 mL medium) and then fill the test tube to capacity with ATCC Medium #1370. Seal the test tube with a screw cap.
2. Let the tube sit at room temperature for 30 minutes before inoculating it with the rehydrated culture.
3. Open the freeze-dried vial according to enclosed instructions.
4. Aseptically take 0.5 mL of the pre-reduced medium and rehydrate the pellet.
5. Transfer the rehydrated pellet back into the screw cap test tube and close tightly. (The test tube should be filled to capacity).
6. Incubate the culture at 26°C under a tungsten lamp.
7. Once growth has been established (six to ten days), the culture should be transferred to fresh broth. If a large inoculum is used (10-20%) the medium does not need to be pre-reduced.
8. When examined microscopically, the cells are large, motile, very irregular-shaped rods, in singles and pairs. As the culture ages, the growth tends to concentrate along the sides and bottom of the test tube. The culture has a red pigmentation.

## Notes

This culture is tolerant to oxygen, therefore, strictly anoxic conditions are not required when re-hydrating the freeze-dried pellet or transferring the organism.

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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Product Sheet

## *Marichromatium sp.*

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confirmed to be accurate.

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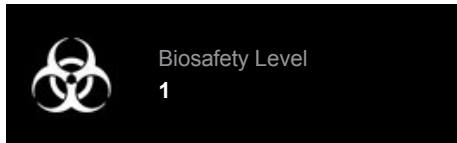
Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at [www.atcc.org](http://www.atcc.org)

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

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