



Product Sheet

# Anaeromyxobacter dehalogenans (ATCC® BAA-258™)

Please read this **FIRST**



Storage Temp.  
**Frozen: -80°C or colder**  
**Freeze-Dried: 2°C to 8°C**  
**Live Culture: See Propagation Section**

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Biosafety Level  
**1**

## 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: *Anaeromyxobacter dehalogenans* (ATCC® BAA-258™)

American Type Culture Collection  
PO Box 1549  
Manassas, VA 20108 USA  
[www.atcc.org](http://www.atcc.org)

800.638.6597 or 703.365.2700  
Fax: 703.365.2750  
Email: [Tech@atcc.org](mailto:Tech@atcc.org)

Or contact your local distributor

## Description

**Designation:** 2CP-1 [DSM 21875]

**Deposited Name:** *Anaeromyxobacter dehalogenans* Sanford et al.

## Propagation

### Medium

ATCC® Medium 2282: R2A Modified for Anaeromyxobacter

### Growth Conditions

**Temperature:** 30°C

**Atmosphere:** Anaerobic gas mixture; 80% N<sub>2</sub>-20% CO<sub>2</sub>

### Propagation Procedure

1. Under anaerobic conditions, allow the frozen vial to thaw at room temperature.
2. Using a 1.0 mL syringe tipped with 22-gauge needle, withdraw the entire cell suspension from the vial and transfer it to a broth tube and incubate at 30°C. Plate 0.1 mL of the inoculated culture onto a non-selective medium and incubate aerobically at 30°C.
3. Growth should be evident within 5 to 7 days in broth. Growth may take longer on solid medium. No growth should be evident on aerobic medium.

### ANAEROBIC CONDITIONS:

Anaerobic conditions for transfer may be obtained by either of the following

- Use of an anaerobic gas chamber, or
- Placement of test tubes under a gassing cannula system hooked to anaerobic gas.

Anaerobic conditions for incubation may be obtained by any of the following:

- Loose screw caps on test tubes in anaerobic chamber,
- Loose screw caps on test tubes in an activated anaerobic gas pack jar, or
- Use of sterile butyl rubber stoppers on test tubes so that an anaerobic gas headspace is retained.

## Notes

Always use freshly prepared pre-reduced media or pre-reduced media that has been previously prepared but stored under anaerobic conditions.

Cells are thin rods that exhibit Gram-negative staining.

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.

## ATCC Warranty

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## Disclaimers

This product is intended for laboratory research purposes only. It is not intended for use in humans.



Product Sheet

**Anaeromyxobacter  
dehalogenans (ATCC®  
BAA-258™)**

While ATCC uses reasonable efforts to include accurate and up-to-date information on this product sheet, ATCC makes no warranties or representations as to its accuracy. Citations from scientific literature and patents are provided for informational purposes only. ATCC does not warrant that such information has been 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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