



Product Sheet

# *Psychromonas kaikoa* (ATCC® BAA-353™)

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: *Psychromonas kaikoa* (ATCC® BAA-353™)

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)

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## Description

**Designation:** JCM 11054 [JT7304]  
**Deposited Name:** *Psychromonas kaikoi*

## Propagation

**Medium**  
ATCC® Medium 2: Marine agar 2216 or marine broth 2216

**Growth Conditions**  
**Temperature:** 10.0°C  
**Atmosphere:** 50 MPa

## Propagation Procedure

This organism is an obligate barophile and psychrotroph. Its maximal growth temperature is 15°C. Its minimal growth requirements are 4°C and 5 MPa (=50 bar =725 psi) of pressure. It grows optimally at 10°C and 50 MPa. It is an obligate aerobe. It will survive for only a limited time, 2-3 hrs., on ice at normal atmospheric pressure. This organism should only be grown by people experienced with working with high-pressure apparatus.

## Notes

BAA-353 was isolated from the bottom of the Marianus Trench in the Pacific Ocean using a robotic deep sea submersible.  
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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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)



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