



# 19043

## 19043™

### Description

**Strain designation:** DSM 2097 [IAM 14297, IFO 14957, NCIMB 2217]

**Deposited As:** *Cytophaga salmonicolor* subsp. *agarovorans* Veldkamp

**Type strain:** Yes; type strain of *Marinilabilia agarovorans*

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### Storage Conditions

**Product format:** Freeze-dried

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### 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.

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### 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

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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.

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## Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at [www.atcc.org](http://www.atcc.org).

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## Growth Conditions

**Medium:**

ATCC Medium 164: Cytophaga-spirochete medium

**Temperature:** 30°C

**Atmosphere:** Facultative anaerobe

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## Handling Procedures

1. Open vial according to enclosed instructions.
2. From a single tube of #164 broth (5 to 6 ml), withdraw approximately 0.5 to 1.0 ml with a Pasteur or 1.0 ml pipette and use to rehydrate the pellet.
3. Aseptically transfer the rehydrated pellet back into the broth tube. Mix well.
4. Incubate at 30°C for approximately six days under anaerobic conditions in an activated anaerobic jar or other suitable means.
5. Upon achieving growth, the broth should appear turbid and pink, with no crystals.

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Transfer may now be made to a secondary broth, a slant, and/or plate. Incubate as above.

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### Notes

This strain is a facultative anaerobe that grows better in broth than on agar. It is nonmotile with only gliding motion observed. Colonies are pink.

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### Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: 19043 (ATCC 19043)

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### References

References and other information relating to this material are available at [www.atcc.org](http://www.atcc.org).

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