



# ***Acidocella facilis*** **(Wichlacz et al.)** **Kishimoto et al.**

**35904™**

## **Description**

**Strain designation:** PW2

**Deposited As:** *Acidiphilium facilis* Wichlacz et al.

**Type strain:** Yes

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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 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 1421: LHET2 medium (ATCC medium 1168) with 0.01% yeast extract or yeast autolysate

**Temperature:** 20°C

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## Handling Procedures

1. Open vial according to enclosed instructions.
2. Using a single tube of #1421 broth (5 to 6 ml), withdraw approximately 0.5 to 1.0 ml with a Pasteur pipette or 1.0 ml pipette. Rehydrate the entire pellet.
3. Aseptically transfer this aliquot back into the broth tube. Mix well.

4. Incubate at 20°C for 5 to 6 days.
  5. Once growth is achieved, additional transfers may be made. Growth on agar will be sparse and slow.
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## Notes

Cells are actively motile rods with tapered ends.

Growth is much better in broth than on solid medium. Colonies are circular, white, entire, flat, and small with varying opacity.

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## Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Acidocella facilis* (Wichlacz et al.) Kishimoto et al. (ATCC 35904)

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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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