ATCC

Product Sheet

# *Xanthobacter agilis* (ATCC® 43848™)

**Please read this FIRST**

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: *Xanthobacter agilis* (ATCC® 43848™)

American Type Culture Collection
PO Box 1549
Manassas, VA 20108 USA
www.atcc.org

800.638.6597 or 703.365.2700
Fax: 703.365.2750
Email: Tech@atcc.org

*Or contact your local distributor*

## Description

**Designation:** MA37 [NEU 2067]
**Deposited Name:** *Xanthobacter agilis* Jenni and Aragno

## Propagation

**Medium**
ATCC® Medium 1618: Heterotrophic medium for hydrogen-oxidizing bacteria

**Growth Conditions**
**Temperature:** 26.0°C

**Propagation Procedure**
**1. Open vial according to enclosed instructions.**
**2. Using a single tube of #1618 broth (5 to 6 ml), withdraw approximately 0.5 to 1.0 ml with a Pasteur or glass pipet. Rehydrate the pellet.**
**3. Transfer this aliquot back into the broth tube. Mix well.**
**4. Use several drops of the suspension to inoculate a second tube of broth, a slant, and/or plate.**
**5. Incubate all tubes and plate at 26°C for 72 hours.**

## Notes

**On #1618 agar, colonies appear small, circular, opaque and light yellow in color.**

## References

**References and other information relating to this product are available online at 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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**Additional information on this culture is available on the ATCC web site at www.atcc.org.**
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