



Product Sheet

# *Megasphaera cerevisiae* (ATCC® 43254™)

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: *Megasphaera cerevisiae* (ATCC® 43254™)

## Description

**Designation:** DSM 20462 [PAT 1]

**Deposited Name:** *Megasphaera cerevisiae* Engelmann and Weiss

## Propagation

### Medium

ATCC® Medium 1528: PY-fructose (ATCC medium 1524) with 10 g fructose per liter of medium

### Growth Conditions

**Temperature:** 26.0°C

**Atmosphere:** Anaerobic

### Propagation Procedure

#### 1. Open vial according to enclosed instructions.

2. Under anaerobic conditions, withdraw 0.5 ml of the

recommended broth from a single test tube (5 to 6 ml) and rehydrate the vial contents.

3. Aseptically transfer this aliquot back into the broth. Additional tubes may be inoculated with 0.5 ml each from the suspension. 0.1 ml may also be inoculated onto a slant. Streak several blood plates to check for colonial morphology and purity.

5. In 24 to 48 hours, growth should be evident by turbidity that settles to the bottom of the broth and by colonies that are 2 to 3 mm in diameter on the anaerobic agar surfaces. No growth should occur on agar plate incubated aerobically.

#### 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

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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Product Sheet

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