



Product Sheet

# *Ogataea chonburiensis* (ATCC® MYA-4462™)

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: *Ogataea chonburiensis* (ATCC® MYA-4462™)

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  
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Or contact your local distributor

## Description

**Strain Designation:** PT44 [BCC 21227, NBRC 101965, CBS 10363]

### Product Description:

An ampoule containing viable cells (may include spores and mycelia) suspended in cryoprotectant.

## Propagation

The information recommended in this section is to assist users in obtaining living culture(s) for their studies. The recommendation does not imply that the conditions or procedures provided below are optimum. Experienced researchers may initiate the growth of a culture in their own way.

ATCC® Medium 200: YM agar or YM broth

### Growth Conditions

**Temperature:** 25.0°C

### Recommended Procedure

**Frozen ampoules** packed in dry ice should either be thawed immediately or stored in liquid nitrogen. If liquid nitrogen storage facilities are not available, frozen ampoules may be stored at or below -70°C for approximately one week. **Do not under any circumstance store frozen ampoules at refrigerator freezer temperatures (generally -20°C).** Storage of frozen material at this temperature will result in the death of the culture.

1. To thaw a frozen ampoule, place in a **2530 °C** water bath, until just thawed (**approximately 5 minutes**). Immerse the ampoule just sufficient to cover the frozen material. Do not agitate the ampoule.
2. Immediately after thawing, wipe down ampoule with 70% ethanol and aseptically transfer 10 microliter (or any amount desired up to all) of the content onto a plate or broth with medium recommended.
3. Incubate the inoculum/strain at the temperature and conditions recommended.
4. Inspect for growth of the inoculum/strain regularly. The sign of viability is noticeable typically after 1-2 days of incubation. However, the time necessary for significant growth will vary from strain to strain.

## Notes

Colonies white and mucoid Thermotolerant, methylotrophic yeast.

Additional, updated information on this product may be available on the ATCC web site at [www.atcc.org](http://www.atcc.org).

## DNA Sequence

The ITS DNA sequence of MYA-4462 lot 58228764

```
GGAAGGATCATTACAGTATTCTTCTAAGCTGGAGCTGTTTACTAGTGATTGATTTGCCTGCGCTGCTGAA
ATATTGCGTGCGCGGCAAGAGATCATTGGTAGCAGTTCTATCTAAGGCTTAGAAAACCTTACACACT
TTGTTTTCTTATTAGAGACAAATTTGCTTTGGTCAGTGACCGGTGTAAGCGGCATGCTGGCCAGAGA
TTTTAACAAAACACTATTTTCATTTTCCCCTGGGAAAATTGAGAAGCTGATCTAATATTTTGTGAGCTTAA
AGAGTTGCGTAGCAGCTTTTCTAAATTTTAAAACCTTCAACAACGGATCTCTGGTTCTCGCATCGATGA
AGAACGCGAGCAATGCGATAAGTAATGTGAATTGCAGATTTTCGTGAATCATTGAATCTTTGAACGC
ACATTGCGCCCTCTGGTATCCAGAGGGCATGCCTGTTGAGCGTCATTTCTTCAAAACCTAGGGTT
TGGTGATGGGCAATACTCTCGCAAGAGAGTTTGCCTTGAATGAATGGCATGGGTTTTGATATGAACT
ACGGCTGTTTATCAATGTATTAGGTTTAAATCCATCGTTGATTGACAAGCTGCTAGCGTCTTTCGAAATTTG
GCCCTGCCTTAAAACCTTATCATAAAGTTTGACCTCAAATCAGGTAGGATTACCCGCTGAACTTAAGCA
TATCA
```

The 26S rDNA [D1,D2 region] of MYA-4465 lot 58228767

```
TTGGATCATTACGCCAGCATCCTAGGCAAAGCCGACAGCTCAGTCCCGTAGGCAATATCAACTGAG
GCTATAATACTCCAAGGAGCTACATTCAACAGTCATTATCTTGCCACCAAACTGATGCTGGCCAGTA
AAAAGCTAGAGCATAACACACGAGGAGTCATGATAACTAAATACCAAGCTGATCAAATACCCCTTCC
CTTTCAACAATTTACGTACTTTTTCACTCTCTTTTCAAAGTCTTTTTCATCTTTCCCTTACAGTACTTGTC
GCTATCGGCTCTCGCCAATATTTAGCTTTAGATGGAATTTACCACCCACTTTGAGCTGCATTTCCAAAC
AACTCGACTCTTCAAAAACATCTTACAAGAAATGGACACCTCATCAGACGGGATTTCCACCCCTATG
ACGTCCTGTTCCAAGGAACATAGACAAGGCCAAATCCAAGATAGCTTTCTCAAATTACAACCTCGGG
CACCGAAGGTACCAGATTTCAAATTTGAGCTTTGCCGCTTCACTCGCCGCTACTAAGGCAATCCCTGTT
GGTTTTCTTTCCCGCTATTGATATGCTTAAAT
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## Isolation



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Soil, Chonburi Province, Thailand.

### 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.

### ATCC Warranty

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### Disclaimers

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Additional information on this culture is available on the ATCC web site at [www.atcc.org](http://www.atcc.org).  
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