**Product Sheet**

**Saccharomyces kudriavzevii** (ATCC® 2601™)

Please read this FIRST

Storage Temp.
- Frozen: ‑80°C or colder
- Freeze-Dried: 2°C to 8°C
- Live Culture: See Propagation Section

**Intended Use**

This product is intended for research use only. It is not intended for any animal or human therapeutic or diagnostic purposes.

**Citation of Strain**

If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: *Saccharomyces kudriavzevii* (ATCC® 2601™)

**DNA Sequence**

18S ribosomal RNA gene, partial sequence; internal transcribed spacer 1, 5.8S ribosomal RNA gene, and internal transcribed spacer 2, complete sequence; and 26S ribosomal RNA gene, partial sequence:

ATATCAATAAGCGGAGGAAAACCAACCGGGATTGCCTTAGTAACGGCGAGTGAAGCGGCAAAAGCTCAAATTTGAAATCTGGTACCTTCGGTGCCCGAGTTGTAATTTGGAGAGGGCAACTTTGGAACCGTTCTTGTCTATGTTCCTTGGAACAGGACGTCATAGAGGGTGAGAATCCCGTGTGGCGAGGAGTGCGGTCTTTTGTAAAGTGCCTTCGAAGAGTCGAGTTGTTTGGGAATGCAGCTCTAAGTGGGTGGTAAATTCCA

**Description**

**Strain Designation:** [2601-U]
**Deposited Name:** Saccharomyces cerevisiae
**Product Description:** An ampoule containing viable cells 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 28: Emmons’ modification of Sabouraud’s agar
ATCC® Medium 200: YM agar or YM broth
ATCC® Medium 1245: YEPD

**Growth Conditions**

**Temperature:** 25°C to 30°C
**Atmosphere:** Typical aerobic

**Recommended Procedure**

For freeze-dried (lyophilized) ampoules:

1. Open an ampoule according to enclosed instructions.
2. From a single test tube of sterile distilled water (5 to 6 mL), withdraw approximately 0.5 to 1.0 mL with a sterile pipette and apply directly to the pellet. Stir to form a suspension.
3. Aseptically transfer the suspension back into the test tube of sterile distilled water.
4. Let the test tube sit at room temperature (25°C) undisturbed for at least 2 hours; longer (e.g., overnight) rehydration might increase viability of some fungi.
5. Mix the suspension well. Use several drops (or make dilutions if desired) to inoculate recommended solid or liquid medium. Include a control that receives no inoculum.
6. Incubate the inoculum at the propagation conditions recommended.
7. 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.

No vitamin requirement; deposited as *Saccharomyces cerevisiae* Hansen; reference strain for assays of amphotericin B fungizone and nystatin fungicidin designated by FDA.

Additional, updated information on this product may be available on the ATCC web site at www.atcc.org

**Notes**

**D1D2 region of the 26S ribosomal RNA gene**

ATATCAATAAGCGGAGGAAAACCAACCGGGATTGCCTTAGTAACGGCGAGTGAAGCGGCAAAAGCTCAAATTTGAAATCTGGTACCTTCGGTGCCCGAGTTGTAATTTGGAGAGGGCAACTTTGGAACCGTTCTTGTCTATGTTCCTTGGAACAGGACGTCATAGAGGGTGAGAATCCCGTGTGGCGAGGAGTGCGGTCTTTTGTAAAGTGCCTTCGAAGAGTCGAGTTGTTTGGGAATGCAGCTCTAAGTGGGTGGTAAATTCCA
NOT AVAILABLE