

TECHNICAL DATA SHEET **SOURVISIAE**®

Sourvisiae[®] is a bioengineered ale yeast strain (*Saccharomyces cerevisiae*) capable of producing lactic acid during fermentation to provide brewers with an easy, reproducible, and mono-culture product for sour-style beer production.

Sourvisiae[®] contains a single genetic modification, a lactate dehydrogenase gene from a food microorganism, which enables the yeast to produce high levels of lactic acid, the main compound that gives sour beers their flavor.

Sourvisiae[®] allows the brewer to ferment and sour the beer in one simple step, reducing cross-contamination risks, lowering costs, cutting total process time, and allowing brewers to obtain a consistent product. The brewing process is conducted without any modifications; Sourvisiae[®] is pitched just like conventional yeast and ferments in a normal fermentation time. Sourvisiae[®] does not produce other flavor compounds associated with *Brettanomyces, Lachancea*, or Lactic Acid Bacteria, providing a cleaner and more reproducible souring process, with much shorter fermentation times.

FACTS

BEER STYLES sour ales

агома tangy, sour, slightly fruity

> ATTENUATION medium - high

fermentation range 10 - 22°C (50 - 72°F)

FLOCCULATION medium to high

alcohol tolerance 12% ABV

PITCHING RATE 50-100g/hl to achieve at least 2.5 - 5 million viable cells/ml



FOR MORE INFORMATION

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SOURVISIAE





SOURVISIAE[®] Bioengineered Saccharomyces cerevisiae



The Sourvisiae[®] yeast should be stored dry below 4C° (39°F) and will rapidly lose activity after exposure to air. Do not use 500g that have lost vacuum. Opened packs must be re–closed, stored in dry conditions below 4°C, and used within 3 days. If the opened package is re-vacuum sealed immediately after opening, yeast can be stored for up to two weeks below 4°C. Do not use yeast after expiry date printed on the pack.

FOR MORE INFORMATION

