

# PINNACLE



## PRODUCT

A pure active dried wine yeast that is suitable for white wine vinification at cool temperatures



## TYPE

Cryo has been identified as a *Saccharomyces cerevisiae*



## ORIGIN

This yeast was originally isolated in France and purified by AB Biotek

# Cryo

product information



## Applications

Cryo should be used for cold fermentations 10-13°C (50-55°F) in white grape varieties such as Sauvignon Blanc, Chenin Blanc, Semillon and Chardonnay. It can be used in tank or barrel fermentations as it produces a low level of foam during fermentation. The result is a varietal white wine with enhanced ester expression as the aromas are trapped under cold fermentation conditions. For less fruity esters we recommend fermenting warmer at 16-18°C (61-64°F).

## Fermentation characteristics

- Alcohol tolerance is up to 14.5% v/v.
- Only low levels of foam are produced with this yeast strain, even at low temperatures.
- A fermentation aid is strongly recommended for low nutrient juices with this yeast.

## Nitrogen requirements

Standard nitrogen additions via DAP or ammonia will result in successful fermentations with this yeast; however, a complex nutrient is recommended for low nutrient juices to ensure a successful fermentation.

## Glycerol production

Cryo is a low to medium producer of glycerol at 5 to 6 g/L in the final wine.

## Sulfur dioxide production

There is very little SO<sub>2</sub> produced by this yeast during fermentation.

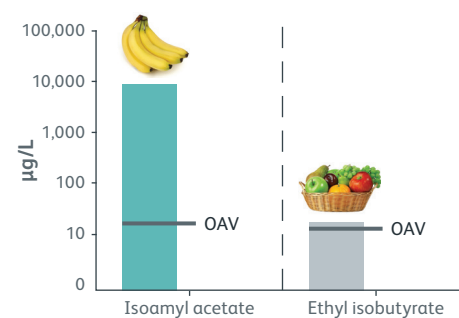
## Volatile acidity

Cryo produces low levels of volatile acidity up to 0.3 g/L on average.

## Foaming

Cryo produces little or no foam, therefore suitable for barrel fermentations.

## Contribution to aroma



- Trials were conducted at UC Davis (USA) in the 2017 vintage using Chardonnay grapes with fermentation at 15°C.
- OAV = Odour active value.

The information presented is based on our research and commercial testing and provides a general assessment of product performance. Nothing contained herein is representative of a warranty or guarantee for which the manufacturer can be held legally responsible.

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