

**NEW**

# BRETTANOMYCES-NPS

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## **Short information**

### **Brettanomyces NPS**

**Order No. 1025**

For the detection of wine-spoiling *Brettanomyces* yeasts (Dekkera).

According to sample material filter 10-100 mL through a membrane filter.

For detection of trace amounts the complete contents of a bottle should be filtered.

Incubate for 3-5 days at 30° C.

With 0,45µm green membrane filter.

Membrane filters with 50 mm or 47 mm in diameter are optional available.

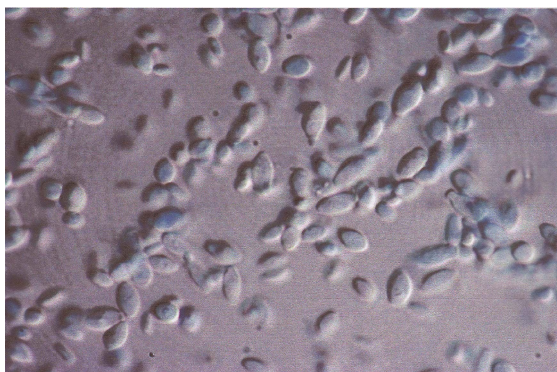
### **Note:**

*Brettanomyces* forms golden to orange-yellow colonies with a yellow halo.

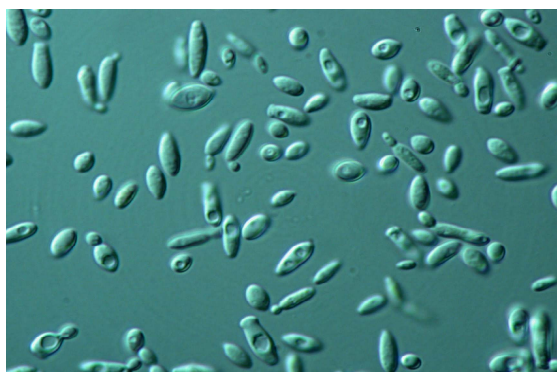
Most of the possible accompanying yeasts are weaker acid formers and develop whitish colonies.

Some *Saccharomyces* yeasts may form yellow colonies as well but easily can be distinguished from *Brettanomyces* by microscopy (400x).

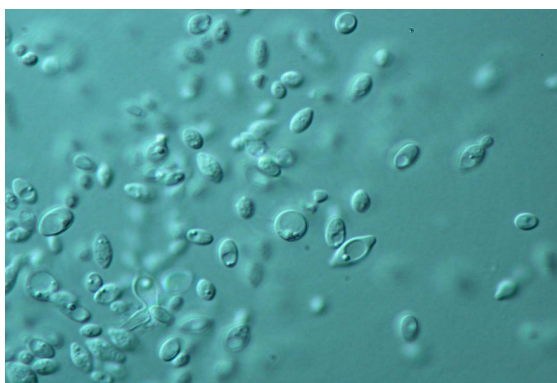
Detection of Brettanomyces



**Brettanomyces CB 1** *Interference contrast, Photo Dr. P. Hoffmann*



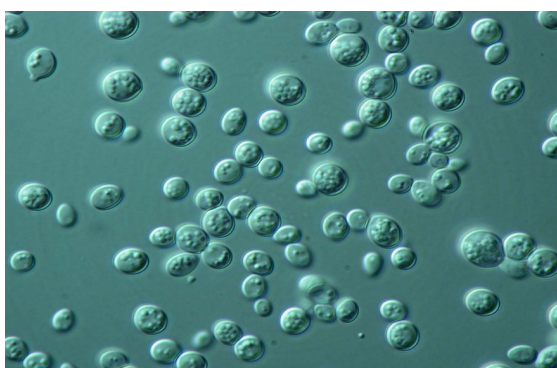
**Brettanomyces** *Dr. P. Hoffmann*



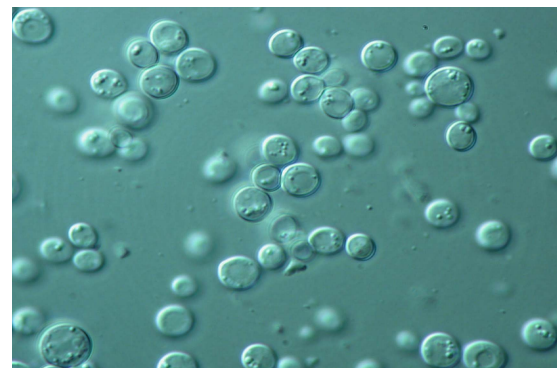
**Hanseniaspora uvarum** *Dr. P. Hoffmann*



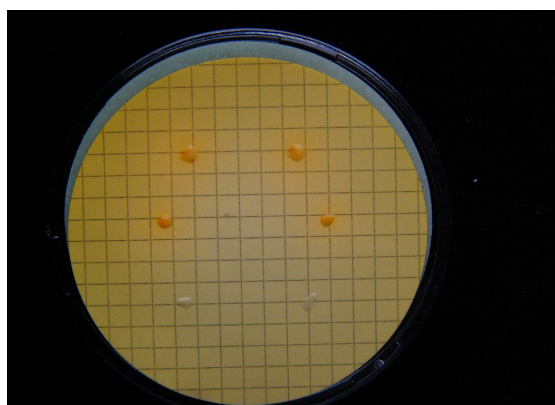
**Schizosaccharomyces pombe** *Dr. P. Hoffmann*



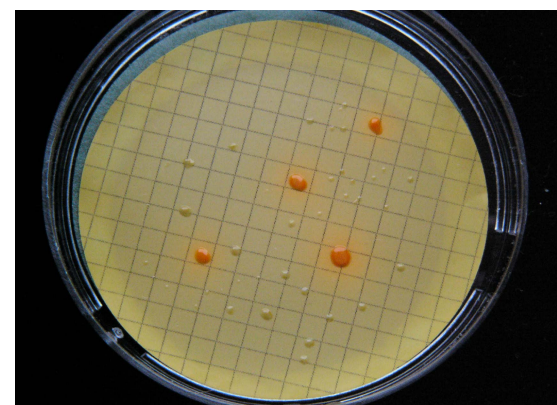
**Saccharomyces cerevisiae** *Dr. P. Hoffmann*



**Zygosaccharomyces rouxii** *Dr. P. Hoffmann*



**Brettanomyces (yellow, pure cultures)**  
**Zygosaccharomyces (white, pure culture)**



**Mixed culture from red wine**  
**Brettanomyces (yellow colonies)**