

## Pectinase for the treatment of white and red wine must

VINOFORM ZYMEX is a highly concentrated pectinase produced by a selected classical strain of *Aspergillus niger*. Vinfoform Zymex has been developed especially for the skin maceration or treatment of white and red grape musts and the clarification of musts for white wine. It guarantees a rapid hydrolysis of the soluble pectin leading to a better pressability of the pulp with all types of presses and can be used at room temperature during grape extraction. The production strain was selected to produce extremely low levels of cinnamyl esterase and anthocyanase.

### REGULATORY

Vinfoform Zymex is manufactured to comply with current JECFA (FAO/WHO) purity specifications and complies with FCC recommended specifications for food enzymes and current Codex Oenological specifications. These specifications also cover heavy metals and microbiological quality. The product is free of preservatives.

### APPLICATION

Vinfoform Zymex is a very active enzyme for clarification and maceration. Dilute 10 to 20 times with cold potable water and add directly to the grapes or to the must and ensure that it is well mixed with the must.

Application	Dosage	Contact time
White grape maceration	0.2 - 0.4 g/litre	2 - 6 hours at 15 - 25 °C
Clarification of white wort	0.4 - 0.8 g/litre	0.5 - 2 hours at 15 - 25 °C
Skin maceration of red grapes	0.2 - 0.4 g/litre	During fermentation
White and red grapes	1.2 - 1.6 g/kg	45 - 60 minutes at 10 - 20 °C

### SPECIFICATION

Vinfoform Zymex has the following specifications:

Enzyme	Pectinase, such as PL, PG, PME & hemicellulase
Activity	At least 25 PLU/g
Appearance	Micro-granulated powder standardised with maltodextrin
GMO status	non-GMO

### PACKAGING

Vinfoform Zymex is available in 1 kg (art. 003.055.1), 100g (003.055.100) and 25g (003.055.25)

### STORAGE

Vinfoform Zymex is best stored in the original unopened packaging and in a cool place at a temperature below < 15°C to maintain maximum activity for 3 years.

### SAFETY

Enzyme products need to be handled with care. Please consult the separately available Safety Data Sheet for further information.