

**Vinoferm[®] Cellvit****Description**

The cell membranes of **Vinoferm[®] Cellvit**, are derived from primary fermentation of Yeast *Saccharomyces cerevisiae*-strain, selected for the feature of having a cell wall very rich in carbohydrates latticework (betaglucanes and alfamannanes) and trehalose speedy dispersion in an acid medium, and large blowing power and adsorbent against contaminants typical of fermentation (dodecanoic acid and fatty acids, and endotoxins decanoic acid due to the stress of fermentation).

Average composition Data type:

dry extract: 94/98%

Proteins: 8,5/18,8 %

Fat: 20/28%

Minerals: 2,5/5,5 %

Carbohydrate material: 42/56%

The protein derive from the glucolipidicproteic complex that is the yeast cell wall. The lipids in membranes are divided to a 50% free and for a 50% as closely linked to other components. This lipid phase contains of the parties in the form of ergosterol. The mineral substances of cell membranes are particularly rich in phosphorus (mainly in the form of phosphates).

Phosphor: 1,2 %

Calcium: 0,3 %

Magnesium: 0,1 %

Sodium: 0,5 %

Potassium: 0,1 %

Chlorides: 0,1 %

Carbohydrate materials do not contain cellulose but different sugars which are divided as follows:

Soluble carbohydrates $CC_{13}COOH$: 10% \pm 5

Mannan: 15%

Glycogen soluble acid and alkaline: 20%

Glucan: 55%

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Allergens

According to Annex III to Directive 2003/89/EC as amended by Directive 2006/142/EC of the European Parliamentary and Council of 22 December 2006

Substances list	Present	Traces	Absent
Cereals containing gluten (i.e. wheat, rye, barley, oats, spels, kamut or their hybridized strains) and products thereof)			X
Crustaceans and products thereof			X
Eggs and products thereof			X
Fish and products thereof			X
Peanuts and products thereof			X
Soybeans and products thereof			X
Milk and products thereof (including lactose)			X
Nuts i.e. Almond (<i>Amygdalus communis L.</i>) Hazelnut (<i>Corylus avellana</i>), Walnut (<i>Juglans regia</i>), Cashew (<i>Anacardium occidentale</i>), Pecan nut [<i>Carya illinoensis</i> (Wangenh.) K.Koch], Brazil nut (<i>Bertholletia excelsa</i>), Pistachio nut (<i>Pistacia vera</i>), Macadamia nut			X
Celery and products thereof			X
Mustard and products thereof			X
Sesame seeds and products thereof			X
Sulphur dioxide and sulphites at concentrations of more than 10 mg/kg or 10 mg/litre expressed as SO ₂			X
Lupine and products thereof			X
Mollusc and products thereof			X

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