NUTRIENTS

NUTRICELL® FINISH

100% organic nutrient for perfect control of the end of alcoholic fermentation

End of alcoholic fermentation	Complex nutrition	To restart stuck alcoholic fermentation

OENOLOGICAL GOALS

- Contains yeast hulls. Thanks to their detoxifying effect, these improve the end of fermentation in cases of yeast stress (low temperature, strong clarification, high alcohol content, etc.)
- Yeast autolysates particularly rich in amino acids
- Amino acids are assimilated by the yeast to resynthesize sugar transporter proteins and thus reactivate AF
- Autolysates also release vitamins and trace elements necessary for yeast metabolism

DOSAGE

Recommended dose: 20 to 40 g/hL depending on the nutritional needs of the yeast and the assimilable nitrogen content of the must.
Maximum legal dose according to current European regulations: 160 g/hL

PACKAGING

1 KG
10 KG

STORAGE

Store unopened, sealed packages away from light in a dry, odour-free environment.
Do not allow to freeze.
Once opened, use up rapidly.

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INSTRUCTIONS FOR USE

Disperse **NUTRICELL® FINISH** in 10 times its weight in water or must (1kg per 10L).
Incorporate into the volume to be treated

Precautions for use:
Product for oenological and specifically professional use.
Use in accordance with current regulations.

Suggestion for use: Lipid / Nitrogen imbalance as in the case of strongly settled or deficient musts, or high alcohol content

Organic nitrogen: Limits catabolite repression and promotes the production of volatile compounds

Source of ergosterol + fatty acids
Rebalances the medium

Yeast hulls
DAP if necessary

In the presence of oxygen, *S. cerevisiae* is able to synthesise ergosterols

Fermentation

Leaven: 10g/hL | Mid-AF 20g/hL | End of AF 5g/hL

Sequential supplementation

TEST RESULTS

Nitrogen/lipid imbalance leads to cell death

Figure 1: Cell population densities determined by flow cytometry at the stationary phase

Strain	Composition of synthetic medium		Cell population (10^6 cells/mL)
	Assimilable nitrogen (mg/L)	Lipid factor (%)	
EC1118	425	100	202.6 ± 9.9
EC1118	425	5	49.2 ± 4.5
EC1118	142	100	106.5 ± 12.3
EC1118	142	5	44.6. ± 6.3
EC1118	71	100	68.4 ± 4.6
EC1118	71	5	39.5 ± 8.8

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