

Actimax FLOW

100% organic nutrient for fractionated amino acid supply

CHARACTERISTICS

Actimax FLOW is an organic nutrient that provides essential factors for yeast in a balanced way. The nutritional basis of yeast focuses on primary and secondary nutrients that favor not only the development of yeast populations, but also their vitality and viability.

Primary nutrients	Sources of nitrogen	Metabolic basis of yeast
Secondary nutrients	Vitamins and cofactors	Essential cofactors
	Minerals	Metabolic pathways
	Growth factors	Protection and resistance

The application of **Actimax FLOW** increases the YAN content to an optimal level to ensure an adequate yeast population without the need to add additional ammonium salts that trigger NCR (Nitrogen Catabolic Repression). Its assimilation and storage allow the yeast to consume it gradually, remaining as reserve nitrogen until the end of alcoholic fermentation.

Its formulation allows for the progressive release of amino acids, which favor the strengthening of the following generations of yeasts, ensuring a more efficient and balanced fermentation process.

In addition, **Actimax FLOW** provides primary amino acids fundamental to the synthesis of transport proteins and essential enzymes involved in the formation and revelation of aromas.

Benefits of Organic Nutrition

- Controlled evolution of fermentative kinetics.
- Limiting the production of reductive aromas that are of chemical and metabolic origin.
- Contribution of nitrogenous bodies for the synthesis of essential enzymes responsible for aromas.

APPLICATION

Use just before the start of alcoholic fermentation, especially recommended at rehydration to promote the fractionated supply of amino acids.

- Musts with medium YAN requirements.
- Production of red varieties with a high alcohol potential.
- Musts intended for the production of white and rosé wines at low temperature.

- Highly clarified musts of white varieties.
- In any type of preparation to optimize the characteristics of the yeast strain used.
- To enhance varietal expression.

COMPOSITION

Combination of inactive yeasts and fully autolysed yeasts (*Saccharomyces cerevisiae*).

A dose of 30 g/hl of **Actimax FLOW** yields to the must:

Yeast Assimilable Nitrogen (YAN): 28 mg/l

Organic Nitrogen (NOPA): 18 mg/l

DOSE

Recommended dose: 20-30 g/hl

HOW TO USE

1. Dissolve in 10 times its weight in water and add to the yeast rehydration water after adding the yeast.
2. Dissolve in 10 times its weight in must or water, adding to the tank during fermentation, ensuring perfect homogenization. Ideally, it is used before starting alcoholic fermentation, or the addition of active dry yeast.

Work Precautions

Once dissolved, the product must be used on the day it is prepared.

PHYSICO-CHEMICAL PROPERTIES

EP 1017 (REV.0)

Total nitrogen [%]	< 10
Humidity [%]	< 7
As [mg/kg]	< 3
Pb [mg/kg]	< 2
Hg [mg/kg]	< 1
Cd [mg/kg]	< 1
Viable yeasts [CFU/g]	< 10 ²

Molds [CFU/g]	< 10 ³
Lactic acid bacteria [CFU/g]	< 10 ³
Acetic bacteria [CFU/g]	< 10 ³
<i>Salmonella</i> [CFU/g]	Absence
<i>E.coli</i> [CFU/g]	Absence
<i>Staphylococcus aureus</i> [CFU/g]	Absence
Total coliforms [CFU/g]	< 10 ²

PHYSICAL APPEARANCE

Cream-colored powder.

PRESENTATION

Containers of 1 and 10 kg.

STORAGE

Store in the original container, in a cool and dry place.

Once opened, it should be used as soon as possible.

Best before: within 3 years of packaging.

RGSEAA: 31.00391/CR

Product in accordance with the International Oenological Codex and Regulation (EU) 2024/3085