

NATUSTART®CW



PURE YEAST CELL WALLS

APPLICATION

NATUSTART®CW is based on highly purified cell walls from *Saccharomyces cerevisiae* and represent the insoluble fraction of yeast cells which have been autolyzed. The cell walls have been treated with a special technology to ensure that its absorptive capacity has been retained. This product stimulates and supports the alcoholic fermentation by its ability to absorb inhibitors such as fatty acids, toxins and plant protection chemicals. It also ensures a regular and complete fermentation with a clean organoleptic character and can also be used to restart slow or stuck fermentations.

NATUSTART®CW also has a favorable effect on the Malo-lactic fermentation due to its detoxifying action.

OEENOLOGICAL PROPERTIES

- | | | | |
|------------------------|---|--------------|--------------|
| • Protein | max. 65 % | • Ash | max. 10 % |
| • Beta-glucans | min. 20 % | • Appearance | beige powder |
| • MOS | min. 15 % | | |
| • Assimilable nitrogen | 7 mg/l. (Calculated on a dosage of 10 g/hl of NATUSTART®CW) | | |

CHEMICAL AND MICROBIOLOGICAL PROPERTIES

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|----------------------------|---------------------------|-----------------|---------------------------|
| • Moisture | < 6 % | • Coliforms | < 1.10 ² CFU/g |
| • Total plate count | < 5.10 ⁴ CFU/g | • E. coli in | absent in 1 g |
| • Total viable yeast cells | < 1.10 ² CFU/g | • Salmonella | absent in 25 g |
| • Total mold | < 1.10 ² CFU/g | • Staphylococci | absent in 1 g |

DOSAGE INSTRUCTIONS

Typical dose is between 20 - 40 g/hl. For preventative measure it is recommended to use 20 - 30 g/hl. For curative use, it is recommended to use 30 - 40 g/hl for red wines and 20 - 30 g/hl for rose or white wines. Suspend in 10 times its weight of potable water or must, after it is uniformly mixed add directly to the fermentation tank.

STORAGE AND PACKAGING

Store in its original packaging preferably at 5 - 15 °C in a dry place free from offensive odours. This product is available in 1 kg and 20 kg paper bags polyethylene liner. The product can be used for up to 3 years after the date of production.

QUALITY ASPECTS

NATUSTART®CW yeast nutrient is GMO free and conforms to the oenological CODEX specification.

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