
Analizor portabil MLF

I.D.: 44231296

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Pretul estimativ: 3.088,00 RON - 3.088,00 RON

Descriere: The Vinmetrica malolactic fermentation Kit provides high accuracy in determination of malic acid concentration levels in wine, an essential parameter to control in the effort to make high quality wines. The SC-50 MLF Kit relies on the biochemical MLF reaction caused by enzymes found in certain bacteria, including lactobacilli and oenococcus strains, and in the Biopressure agent component of the kit. These bacteria live on a variety of nutrients, but their production of CO₂ results almost entirely from the enzymatic transformation of malic acid to lactic acid: Malic Acid Lactic Acid HOOC-CH₂-CH(OH)-COOH → CH₃-CH(OH)-COOH + CO₂ The CO₂ creates pressure, which is read by the SC-55 manometer. The CO₂ pressure is directly proportional to the amount of malic acid in the sample. The level of malic acid can be calculated from the pressure values by one or more calibrators of malic acid provided with the kit. Detection limit is below 0.04 g/L. The assay takes 30 minutes, or up to 60 minutes if the Confirmation Procedure is performed
