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The invention relates to wine industry, namely to a method for determining the age of wine distillate.
The method, according to the invention, provides for the physical and chemical analysis of the distillate with the quantification of lignin, ethyl acetate, 5-hydroxy-methylfurfurol, gallic, vanillic, syringic, ellagic acids, vanillin and syringic, sinapic, coniferyl aldehydes by the method of high-efficiency liquid chromatography, as well as the determination by the spectrophotometric method of optical density and color intensity, determination of the approximate age and calculation of the refined age of the distillate using respectively the formulae:

$$X_{12} = \frac{X_7 + X_8}{C_{sin.al.}}$$ and

$Y = 0.10618 - 0.00109\ X_1 + 4.54863\ X_2 + 0.95093\ X_3 + 0.25429\ X_4 - 1.56236\ X_5 + 1.37151\ X_6 - 1.11535\ X_7 + 0.28456\ X_8 + 0.07181\ X_9 - 0.62412\ X_{10} - 2.02767\ X_{11} + 0.34479\ X_{12} + 0.00049\ X_{13} + 0.45171\ X_{14}$.

Claims: 1