

## Regression analysis for estimating the aggregate antioxidant activity of white wines

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### Abstract

Correlation-regression dependence between the aggregate antioxidant activity and some physical-chemical characteristics of white grape wines: oxidation-reduction potential, mass concentration of flavanoids and general phenol compounds has been investigated. 20 patterns of white grape wines of different quality grades have been studied. On the basis of the obtained data linear model for the preliminary estimation of the aggregate antioxidant activity of wines has been suggested.