OIV-MA-AS1-04 Matrix effect for metals content analysis using atomic absorption

The GENERAL ASSEMBLY,

In consideration of Article 5, Paragraph 4 of the International Standardization Convention on Methods of Wine Analysis and Rating of October 13, 1954,

Action on the proposal of the Sub-Committee on International Methods of Analysis and Rating of Wines,

CONSIDERING that the methods described in the Compendium of International Methods of Wine and Must Analysis and entailing the use of reference solutions are implemented for dry wines,

DRAWS the attention of users to the fact that deviations may be observed in other cases involving the presence of sugars or sugar derivatives,

DECIDES that it is therefore necessary to undertake analyses using the quantified additions method. A minimum of three aliquot portions of the sample containing various additions should be used.

DECIDES to supplement the methods for analyzing metals (iron, lead, zinc, silver, cadmium) and arsenic with a description of the quantified additions technique, when the matrix effect so requires.