

RÉVISION DU CONCEPT DE POUVOIR TAMPON DES VINS

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In the paper those are mentioned some deficiencies of the present calculation proceeding of wine buffering power by the Henderson-Hasselbach relation. These deficiencies materialize in an incongruity between the calculated and the experimental determined results. The relation Henderson-Hasselbach, though correctly applicable to a solution of a thin, partly neutralized, monocarboxyl acid, is not applicable to wine because this is a complex solution of several mono- and dicarboxyl acids. Also, a new calculation proceeding is proposed, taking into consideration the concentrations and acidity constants of the main acids in wine (tartaric, malic, succinic, lactic, a.s.o.) and the alkalinity of the ash. The results estimated by the proposed method are close to the experimentally determined ones.