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The invention refers to the wine-making and liqueurs/vodka industry, namely, to alcohol and distillates quality valuation.

Summary of the invention consists in the quantitative and organoleptic analysis of alcohol and distillates according to the known method, in additional determination of the isoamyl alcohol and basic component of the "enantiomer": ethyl caprylate, ethyl caprylate, ethyl laurate, and in the mature alcohol and distillates - the tannin materials oxidation degree. Thereafter the quality generalized index is calculated according to the universal system, where D_1 - physic-chemical index of the alcohol and distillates which reflects effect of each index on quality thereof, the allowable concentration limits, content of toxic elements and ecological purity; D_2 - quality index, including the organoleptic valuation of the alcohol and distillates according to the 10-pints system, calculated in accordance with the international units system.

The result consists in elaboration of the common objective index which would include as much as possible information on physic-chemical composition and organoleptic properties of alcohol and distillates.