This document confirms the carried out collaborative work between our organisation and Institute for Nuclear Problems of Belarusian State University (INP BSU). Standard samples of volatile compounds in water-ethanol matrix were measured in accordance with the request from INP BSU in our Customs Technical Laboratory. The performed samples included 5 standard solutions of volatile compounds in water-ethanol matrix (40% v/v) and 3 samples of real alcoholic beverages (vodka, whiskey and cognac). The obtained results are planned to be used for co-publishing in the profile scientific journal entitled Food Control and prepare a report for the 42nd World Congress of Vine and Wine and the 17th General Assembly of the International Organisation of Vine and Wine (OIV) which will be held from 15 to 19 July 2019 in Geneva (CICG) in Switzerland (https://oiv2019.ch/2019/).

During the experimental part of our work the provided samples were simultaneously measured with gas chromatography by suggested method and traditional Internal Standard method which is currently applied in our laboratory and based on European Regulation № 2870/2000. The experimental results showed that suggested "Ethanol as Internal Standard" method allows to simplify the procedure of whole analysis, makes it easier and cheaper. Such metrological characteristics as repeatability, linearity and trueness were better or not worse than those of our traditionally applied method. The analysis of few independent test samples of real alcoholic beverages revealed that discussed method allows obtaining accurate and reliable results.

In addition, Mr. Anton Korban from INP BSU performed an open seminar in our organisation where he was explaining the theoretical background of approaches of volatile compounds quantification in alcoholic products and described practical subtleties of "Ethanol as Internal Standard" method.

As a result we would like to continue the collaborative work with INP BSU. This would include: exchange of ideas and experience concerning common interests, implementation of the suggested industrial solutions into routine practice, article publications in the profile scientific journals etc.

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