

# EXAMINATION OF THE CONTENT OF SUBSIDED MATERIALS IN ENVIRONMENTAL WATER

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**Summary:** *This paper presents the results of determining the performance characteristics of the test method SRPS EN 872: 2008 in one laboratory and their compliance with the relevant requirements, ie the assessment of the laboratory's ability to use the test method for the intended purpose.*

*The performance characteristics of the method indicate the ability of the laboratory to deliver test results with acceptable reliability for the intended use of the results, for example: assessment of compliance with the provisions of the regulations. The detection limit indicates the minimum values that can be measured with a specific test method; the limit of quantification indicates the minimum values that can be measured with known and acceptable measurement uncertainty. The accuracy and precision of the test method are the main components of measurement uncertainty as a quantitative measure of the quality of the test method.*

**Key words:** *Laboratory tests, test methods, verification of test methods, accuracy, detection limit and quantification, measurement uncertainty, water, suspended matter, water quality.*