

# REPETABILITY AND REPRODUCIBILITY- TESTS FOR EVALUATION AND VALIDITY OF THE ANALYTICAL DATA

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**Abstract:** In this study the identification of the non-conformities that influence the analytic determinations is proposed, by utilising repeatability and reproducibility tests. The case-study consists in the application of these tests to five laboratories, where determinations for the methylic alcohol, aldehydes, acidity and extract in ethylic alcohol were made. In this way the causes that generated errors in the results of the quality determinations were identified.

**Keywords:** repeatability, reproducibility, analytical data