

Cohran-Horwitz Method for Within-Lab Precision Acceptability in ISO 17025 Testing Laboratories

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Abstract: *The issue of reliability of retesting data is a growing concern among testing laboratories. This document describes how to establish the acceptability of retesting of retained items during quality assurance, determining competence and measurement uncertainty calculations. Two methods are discussed and numerical examples are also given.*

Keywords: Precision, Verification, ISO, Acceptability, Cohran Test, Horwitz Test, Outlier, Competence.

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