

ISO 5725-6:1994-12 (E)

Accuracy (trueness and precision) of measurement methods and results - Part 6: Use in practice of accuracy values

Contents

Page

1 Scope	1
2 Normative references	1
3 Definitions	2
4 Determination of limits	2
4.1 Repeatability and reproducibility limits	2
4.2 Comparisons based on more than two values	3
5 Methods for checking the acceptability of test results and determining the final quoted result	4
5.1 General	4
5.2 Methods for checking the acceptability of test results obtained under repeatability conditions	4
5.3 Methods for checking the acceptability of test results obtained under both repeatability and reproducibility conditions	11
6 Method for checking the stability of test results within a laboratory	13
6.1 Background	13
6.2 Methods for checking stability	13
7 Use of repeatability and reproducibility standard deviations in assessing laboratories	25
7.1 Assessment method	25
7.2 Evaluation of the use of a measurement method by a laboratory not previously assessed	26
7.3 Continued assessment of previously approved laboratories	29
8 Comparison of alternative measurement methods	32
8.1 Origin of alternative measurement methods	32
8.2 Purpose of comparing measurement methods	32
8.3 Method B is a candidate for an alternative standard method ("Standardization experiment" not defined)	33
8.4 Accuracy experiment	33
8.5 Method B is a candidate for a routine method	38
 Annex	
A Symbols and abbreviations used in ISO 5725	40