

Iso 13528

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Iso 13528

ISO 13528:2015 provides detailed descriptions of statistical methods for proficiency testing providers to use to design proficiency testing schemes and to analyse the data obtained from those schemes. It provides recommendations on the interpretation of proficiency testing data by participants in such schemes and by accreditation bodies.

ISO - ISO 13528:2015 - Statistical methods for use in ...

ISO 13528:2005 can be applied to demonstrate that the measurement results obtained by laboratories do not exhibit evidence of an unacceptable level of bias. It is applicable to quantitative data but not qualitative data.

ISO - ISO 13528:2005 - Statistical methods for use in ...

ISO 13528 provides support for the implementation of ISO/IEC 17043 particularly, on the requirements for the statistical design, validation of proficiency test items, review of results, and reporting summary statistics. Annex B of ISO/IEC 17043:2010 briefly describes the general statistical methods that are used in proficiency testing schemes.

ISO 13528:2015(en), Statistical methods for use in ...

The ISO 13528 standard for proficiency testing defines the following z-score with X_{ref} and denoting the "assigned value" and the standard deviation of the proficiency assessment, respectively.

ISO 13528 ZSCORE

Abstract The international standard ISO 13528 is an important reference document for proficiency testing providers and testing laboratories alike, which provides guidance on the use of statistical methods in proficiency testing.

Review of the new edition of ISO 13528 - PDF Free Download

ISO 13528 is to a large extent based on a harmonized protocol for the proficiency testing of analytical laboratories, but is intended for use with all measurement methods. This is a free 7 page sample. Access the full version online. ISO 13528:2005(E)

Statistical methods for use in proficiency testing by ...

ISO 13528(2012): aims • Detailed descriptions of statistical methods • Procedures can be applied to demonstrate that the measurements meet specified criteria for acceptable performance • Applicable to either quantitative measurements or qualitative observations • Applicable, especially for newly established proficiency testing schemes.

A critical view on ISO standard 13528 - EQALM

ISO 13528 is to a large extent based on a harmonized protocol for the proficiency testing of analytical laboratories [1] , but is intended for use with all measurement methods.

Statistical methods for use in proficiency testing by ...

ISO 13528:2015(E) Foreword. ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical

Statistical methods for use in proficiency testing by ...

• ISO 13528:2005 – Statistical Methods For Use In Proficiency Testing By Interlaboratory Comparisons. ISO/IEC 17025 Requirements For Proficiency Testing. The new ISO/IEC 17025:2017 standard requires laboratories to participate in proficiency testing. In the 2005 standard, proficiency testing was recommended in section 5.9.1b, but not required.

Proficiency Testing and Interlaboratory Comparisons: The ...

The Standard refers the reader to ISO 13528 - Statistical methods for use in proficiency testing by interlaboratory comparisons and the IUPAC International Harmonized Protocol.

Use of a ISO 13528 template for quantitative schemes : the ...

The main scope of the standards ISO/IEC 17043 and ISO 13528 is to assure the reliability of the assessments realised with inter laboratory comparisons. In particular, the issues of stability and homogeneity of samples, adequacy of the statistic methods are widely developed.

Use of results of interlaboratory comparisons

ISO 13528:2015 provides detailed descriptions of statistical methods for proficiency testing providers to use to design proficiency testing schemes and to analyse the data obtained from those schemes. It provides recommendations on the interpretation of proficiency testing data by participants in such schemes and by accreditation bodies.

ISO 13528:2015 - Statistical methods for use in ...

ISO 13528 is to a large extent based on a harmonized protocol for the proficiency testing of analytical laboratories [1], but is intended for use with all measurement methods.

ISO 13528:2005(en), Statistical methods for use in ...

The ISO 13528 standard for proficiency testing defines the following E_n score with X_{ref} , u_{ref} and u_x denoting the "assigned value", the standard uncertainty of the assigned value, and the laboratory's estimate of the standard uncertainty of its result, respectively.

ISO 13528 En Score - NIST

ISO 13528: 2015 B.2 Assessment criteria for a homogeneity check B.2.1 The following three checks should be used to assure that the homogeneity test data are valid for analysis: a) Examine the results for each test portion in order of measurement to look for a trend (or drift) in analysis; if there

Statistical Evaluation Throughout a PT programme: ISO ...

Revision of ISO 13528 ILAC work proposal to revise ISO 13528 was approved in 2010 -Update to accommodate ISO/IEC 17043 -Fix errors, remove obsolete procedures -Add a few new procedures "Limited revision" approved by TC69/SC6 CD1 ballot closed March, 2011 -Approved: 14 'yes' 4 'No' -600+ comments, rewrite needed

Revision of ISO 13528 - Eurachem

These requirements are also described in three different international standards (see ISO 5725-2, ISO Guide 35 and ISO 13528 for proficiency tests). Each participating laboratory may well know the difference between the test results it produces and the reference value ("the value which was to be found").

What is an inter laboratory comparison

Laboratory results were rated using z , z' and ζ scores in accordance with ISO 13528, 2015. The standard deviation for proficiency assessment, σ_{pt} , was set to 20 % of the respective assigned value, for all the four studied oligomers, based on the perception of experts. A total of 36 participants from 26 countries have registered to the exercise.

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