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**Measurement Comparison of Chemical Quantity
(English Translation)**

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Introduction

JJF 1117 "stoichiometric ratio of" organization, implementation and evaluation of measurement than the foundation documents. As this specification JJF 1117-2010 "stoichiometric ratio of" additions, thinning in the field of chemical measurement, the leading laboratory design comparison Programs to handle than the data, it is possible to evaluate the application of rules and methods than on the results.

This specification is the first release.

Chemical measurement comparison

1 Scope

This specification defines the ratio of the chemical measurement (hereinafter referred to as "alignment") than in the design of programs to address the ratio of the number of According to the evaluation results than possible when using rules and methods.

2. References

JJF 1001 common measurement terms and definitions JJF 1117-2010 stoichiometric ratio of ISO/IEC Guide98-3.2008 Measurement Uncertainty - Part 3. Guide to the Expression of Uncertainty in Measurement (Uncertaintyofmeasurement-Part 3. Guidetotheexpressionofuncertaintyinmeas-urement) for dated references, only the dated edition applies to this specification; undated reference documents Member, the latest edition (including any amendments) applies to this specification.

3 Terms and Definitions Under specified conditions, to specify the level of accuracy or measurement uncertainty range of the same chemical amounts carried Comparison.

3.2 than the reference value referencevalueofcomparison by the ratio of the results obtained or the use of agreed, and having its uncertainty and metrological traceability of reference value. Normally it suitably small measurement uncertainty is acceptable. As a similar amount than the reference value, may be the theoretical value (true value), assigned by the Convention on value or measurement procedures defined.

Than 3.3 degree of equivalence [1] degreeofequivalence (DoE) ofcomparison Degree of conformity with the reference value of the measurement result or the measurement standard. Participate laboratory than an equivalent degree may be expressed to. uncertainties associated with the reference value and the deviation of the deviation. Participated in two laboratory comparison between the degree of equivalence can be expressed They are. poor and the uncertainty of the difference between their respective deviations from the reference value ratio between.

Note [1]. equivalent to "National Institute of Metrology certificate issued by calibration measurements and mutual recognition of national measurement standards." More than 3.4

horizontal sample multi-level samples it contains a set of samples of different magnitude to be measured.

4 match preparation

Leading laboratory when compared to the preparation, in addition to 7.3 shall JJF 1117-2010 in contrast to the device/sample Stability, uniformity, affect the amount of the transport properties to carry out related experiments carried out preliminary technical work, we must also Preparation of samples for comparison, the ratio measuring method of the like previous experiment. If necessary, formally comparison Before, leading laboratory can choose to participate in the laboratory than the laboratory collaboration, cooperation contract signed by organizing pre-alignment