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## RENEWAL 2014 - 2015

As every year, the period of May-June corresponds to the renewal of your participation in our interlaboratory comparisons programs.

This year 2013-2014, over 250 new laboratories have joined our regular proficiency testing.

Nowadays, BIPEA gathers more than **1600 laboratories world-wide**.

We would like to thank you for your trust and we hope this annual series met your expectations.

In the coming weeks, you will receive the renewal documents for 2014 - 2015 annual series.

Please pay attention to those documents and send us back the eventual changes before June 30th.

Without any answer from your side, your participation will be automatically renewed by tacit agreement according to BIPEA terms and conditions (on [www.bipea.org](http://www.bipea.org)).

We remain at your disposal for any further information:

[sales@bipea.org](mailto:sales@bipea.org)

## BENEFITS OF BIPEA EXTERNAL REFERENCE MATERIALS

BIPEA External Reference Materials (ERM) are samples that have been manufactured within the same batch as the samples used in our regular proficiency testing programs. Those samples are characterised by assigned values, with their uncertainties published in the interlaboratory comparison reports. The uncertainties are used to quantify the confidence that can be given to the assigned values.

Those external reference materials can be an alternative to the certified reference ones when those are not available, expensive or do not correspond to your needs.

### External Reference Materials can be used in different cases :

- ▶ When your results in the interlaboratory comparisons report show a warning signal, you can use an ERM in order to perform complementary analysis **to identify the source of the problem in the measurement process**,
- ▶ Then, **in order to check and confirm the technical skills of your staff**, you can regularly analyze an ERM and compare your results to the assigned values, with your own criteria,
- ▶ The analysis of an ERM can be **part of a verification protocol for the implementation of a new device, a new method, or the validation of a material due to different reasons** (for example move),
- ▶ With ERM, a laboratory has additional samples **to calculate its intermediate precision standard deviation, in order to estimate measurement uncertainty**, in a statistical design studying operators, materials, days or another factor, etc.

External Reference Material are available right after the publication of the interlaboratory comparison reports.

Those samples are exclusively dedicated to you, as a BIPEA member, and you have the possibility to buy ERM from different programs even if you don't take part in the regular proficiency testing.

In order to know the availability of our stock, please feel free to contact our sales department: [sales@bipea.org](mailto:sales@bipea.org).

## REVISION OF ISO 13528 STANDARD CONCERNING THE STATISTICAL TREATMENT

The ISO 13528 standard, related to the « Statistical methods for use in proficiency testing by interlaboratory comparisons » and applicable to proficiency testing providers, is in process of revision.

This standard focuses on the following three points:

- ▶ **Determination of the assigned value and its standard uncertainty,**
- ▶ **Determination of criteria for evaluation of performance,**
- ▶ **Calculation of performance statistics.**

The main modifications are:

- ▶ The addition of definitions,
- ▶ The addition of the guidelines about the statistical design of proficiency schemes: the distribution of the results, the number of participants, the qualitative data, the reporting format, the use of replicates, the blunder removal or the number of reported digits,
- ▶ A notion of fixed allowed error criterion for differences  $\delta_{E}$ , closely related to z-score equals to 3 or -3, expressed in absolute value of the measurement,
- ▶ The checking of samples homogeneity with: the addition of IUPAC protocol, leading to a combination of fitness for purpose and statistical criteria, more than a fraction of the evaluation criterion.

These modifications will be published in the following months and will lead to few modifications in our interlaboratory comparison reports.

## REVISION OF ISO 17025 STANDARD

In response to the recommendation of the ILAC\* Laboratory Committee, the ILAC General Assembly members voted to initiate a new work item proposal to revise ISO/IEC 17025:2005, related to « General requirements for the competence of testing and calibration laboratories ».

To do that, the Accreditation Committee has set up a working group to address areas for improvement of the standard.

*\*ILAC (the International Laboratory Accreditation Cooperation)*

## SATISFACTION SURVEY

In June 2013, we conducted a satisfaction survey on a panel of 600 laboratories (in France and abroad) and we would like to thank you for your answers. 165 laboratories have answered to this survey.

We are pleased to see that **97% of laboratories are satisfied with BIPEA services in general. We note an excellent retention rate of over 95%.**

95% of interviewed laboratories are very satisfied by the schedule, the frequency and the wide range of matrices proposed. 80% of laboratories appreciated the efforts made by BIPEA concerning the set up of new proficiency testing programs, the add of new parameters and new matrices. Then, 82% of interviewed are satisfied by the changes mentioned in the interlaboratory comparisons reports.

Some of you mentioned their interest in receiving a personalized assessment per laboratory in addition to the report and also an Excel file in order to facilitate the data mining. We are studying the possibility to set up those projects and we will give you more details this summer.

## 71 - ALLERGENS IN WINES: 2ND ROUND

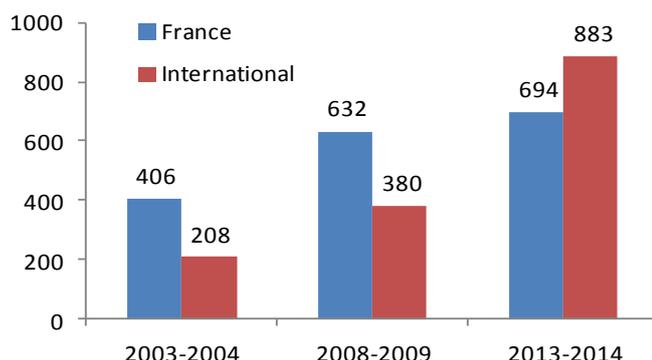
After the success of the first round concerning the new PTS “71 - Allergens in wines”, we decide to set up a new round in June 2014.

For the laboratories who missed the first round, you will have the possibility to analyze an allergens spiked wine, according to **OIV method**. The allergens offered for analysis are the following ones: **ovalbumin, casein, lysozym**.

The deadline to register is May 23, 2014. Please contact our sales department for any further information: [sales@bipea.org](mailto:sales@bipea.org).

Since 2003, we notice an important growth of BIPEA members in France and abroad.

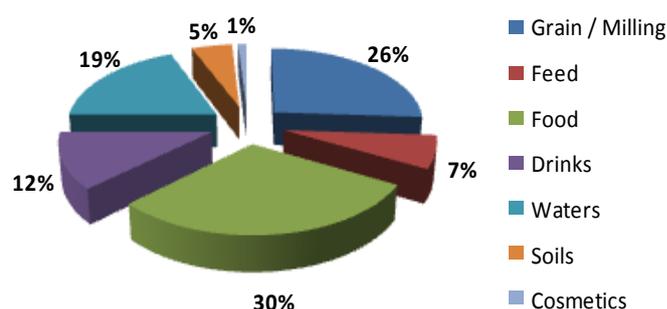
**In 10 years over than 1000 laboratories** have joined BIPEA in order to control their accuracy on analysis. This increase represents a **growth of 260%**.



## BIPEA EVOLUTION (NUMBER OF MEMBERS)

Nowadays, BIPEA gathers more than 1600 members: **45% in France and 55% abroad.**

Our 1600 members participating in several programs, we count nowadays **over 4000 participations** to our regular proficiency testing, in different fields.



## EVENTS

As part of our development policy, we regularly participate in exhibitions and workshops in analytical fields. We were present at the following events:

- ▶ EUROLAB WARSAW (Poland) March 2014
- ▶ ARABLAB DUBAI (UAE) March 2014
- ▶ ANALYTICA MUNCHEN (Germany) April 2014

Those trade fairs permit to increase the number of participants in our proficiency testing programs and to have a better robustness of our assigned values. This is also an opportunity to discuss with the laboratories about their needs and answer the requests of our members.



The next events will take place:

- ▶ from 7 to 10 May: LABEXPO TUNIS (Tunisia)
- ▶ from 19 to 21 May: EURACHEM LISBOA (Portugal)
- ▶ from 30 June to 3 July: EPRW Dublin (Ireland)

***We will be happy to see you there!***

## QUALITY NEWS

Quality is an ever-evolving matter. Please find below a summary of progress in standardization over recent months, based on publication in the official standards update of the AFNOR magazine Enjeux N°343, 342, 341, 340, 339. The different standards are classified according to the concerned PTS, but should not be considered as exhaustive.

### FEED

**PR NF ISO 6495-1 . Apr. 2014:** Animal feeding stuffs - Determination of water-soluble chlorides content Part 1: Titrimetric method

**NF ISO 5985 HOM Dec. 2013:** Methods for analysis of animal feeding stuffs Determination of ash insoluble in hydrochloric acid

### WATERS

**ISO 16665:2014 IS Jan. 2014:** Water quality - Guidelines for quantitative sampling and sample processing of marine soft-bottom macrofauna

**ISO 17378-1:2014 IS Febr. 2014:** Water quality - Determination of arsenic and antimony - Part 1: Method using hydride generation atomic fluorescence spectrometry (HG-AFS)

**ISO 17378-2:2014 IS Febr. 2014:** Water quality - Determination of arsenic and antimony - Part 2: Method using hydride generation atomic absorption spectrometry (HG-AAS)

**ISO 13166:2014 IS March 2014:** Water quality - Uranium isotopes - Test method using alpha-spectrometry

### SOILS / FERTILIZERS

**NF EN 12579 HOM Dec. 2013:** Soil improvers and growing media. Sampling

**NF EN 12580 HOM Dec. 2013:** Soil improvers and growing media. Determination of a quantity

### FOOD

**ISO 8968-1:2014 IS Febr. 2014:** Milk and milk products. Determination of nitrogen content Kjeldahl principle and crude protein calculation

**ISO 14244:2014 IS Febr. 2014:** Oilseed meals. Determination of soluble proteins in potassium hydroxide solution

**ISO 6539:2014 IS Febr. 2014:** Cinnamon (*Cinnamomum zeylanicum* Blume). Specification

**NF EN 12393-1 HOM Dec. 2013:** Foods of plant origin. Multiresidue methods for the determination of pesticide residues by GC or LC-MS/MS General considerations

**NF EN 12393-2 HOM Dec. 2013:** Foods of plant origin. Multiresidue methods for the determination of pesticide residues by GC or LC-MS/MS Methods for extraction and clean-up

**NF EN 12393-3 HOM Dec. 2013:** Foods of plant origin. Multiresidue methods for the determination of pesticide residues by GC or LC-MS/MS Determination and confirmatory tests

**NF EN ISO 11816-1 HOM Dec. 2013:** Milk and milk products. Determination of alkaline phosphatase activity Fluorimetric method for milk and milk-based drinks

### BIPEA

*Provider of Proficiency testing programs in physical, chemical and microbiological domain since 1970  
(grains, milling, feed, environment, beverages, food, sunscreen)*

6 à 14, avenue Louis Roche - 92230 Gennevilliers - France  
Tél : +33(0)1.47.33.54.60 - Fax : +33(0)1.40.86.92.59  
contact@bipea.org - www.bipea.org