

# Contact

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*We thank Mr Peter Liddle  
for his contribution in writing this newsletter*

## BIPEA QUALITY OBJECTIVES

Dear Members,

The core business of BIPEA is Quality! BIPEA provides checks on the quality systems of laboratories and works with them in order to keep their quality process alive and validate it.

Your quality approach is generally confirmed by an ISO 17025 accreditation and if not, your regular participation in our inter-laboratory comparisons is proof of your drive for quality.

The Board of BIPEA has for a decade imposed quality requirements on the BIPEA team. Today, thanks to its quality system, BIPEA has obtained COFRAC accreditation according to the ISO 17043 standard (accreditation of organizers of proficiency tests). This editorial is an opportunity to share with you the quality aims of BIPEA that the Chairman mentioned during the annual management review:

- to meet the needs of members and give them the best service possible,
- to ensure members of continuing service,
- to set up the different processes necessary for the proper functioning of the Association,
- to train, to inform, and to motivate the staff, and to enhance their professionalism,
- to keep the ISO certification,
- to maintain the accreditation according to COFRAC and to extend its scope,
- to ensure the sustainability of the BIPEA Association by developing its activities,
- to continuously improve its system of quality management,
- to communicate and publicize its management quality system to the company and to its members.

These goals guide our work throughout the year.

## SUCCESS OF PTS 51E : YEASTS & MOULDS

BIPEA launched in February 2012 the first round of the program "**51e - Microbiology on food: Yeasts and moulds.**"

This first trial was a success!

12 laboratories participated in this trial.

The matrix was a sample of 25g of minced meat (in a sterile bag).

The next shipment is scheduled in April 2012. If you would like to participate in this, please contact our Sales Department by phone +33.1.47.33.91.65: or e-mail [shellali@bipea.org](mailto:shellali@bipea.org).

## RENEWAL 2012-2013

There are now over **1330 members** in BIPEA, in 64 countries worldwide. We want to thank you for your participation and hope that our inter-laboratory comparisons meet your expectations!

We would like to remind you that the period of renewal is coming soon. You will receive documents by mail during May/June 2012, regarding your participation in BIPEA proficiency-testing schemes.

We kindly ask you to return the requested documents to us. The entire Sales Department remains at your disposal for further information: [commercial@bipea.org](mailto:commercial@bipea.org)

## BIPEA ACCREDITED TO ISO 17043

On December 15, 2011, BIPEA was accredited\* according to "ISO/IEC 17043:2010 - Conformity assessment - General requirements for proficiency testing" for the organization of inter-laboratory comparison tests.

BIPEA is now in line with its international competitors in the world of laboratory quality control.

The ISO/IEC 17043 standard specifies the general requirements for establishing the competence of providers of proficiency-testing programs and the ability to develop and implement such programs.



This standard replaces the two parts of the ISO/IEC Guide 43:1997 and sets up some changes such as the obligation not to subcontract the management of the PT schemes, the evaluation of performance, or the approval of the final inter-laboratory comparison report.

In addition to the requirements for the development and implementation of proficiency-testing schemes, the ISO/IEC 17043 standard contains further information about the following aspects:

- ▶ The general types of proficiency-testing schemes,
- ▶ Indications concerning the appropriate statistical methods,
- ▶ The selection and the use of proficiency-testing schemes (for laboratories, accreditation bodies, regulators and other interested parties).

After obtaining ISO 9001 certification in 2001 and the COFRAC accreditation according to the LAB CIL REF N°2 in 2004 for the organization of proficiency tests, **BIPEA has voluntarily adapted its programs in order to obtain accreditation according to the ISO/IEC 17043 standard.**

This accreditation is a quality symbol for BIPEA. **It allows BIPEA members to determine their analytical performance by an internationally-recognized provider of PTS that meets normative requirements.**

For more information, our Quality Department is at your disposal: [apailler@bipea.org](mailto:apailler@bipea.org)

\* (scope N° 1-1495 available on the COFRAC website [www.cofrac.fr](http://www.cofrac.fr)).

## FLAVOURINGS AND FRAGRANCES

We would remind you that BIPEA can now offer a regular PTS for Flavourings and Fragrances (N°62), with 9 rounds per annual series. (see link [Flavourings and Fragrances](#)).

At the end of 2011 BIPEA was approached by the International Organization of the Flavor Industry (IOFI), whose Working Group on Methods of Analysis (WGMA) was already familiar with the services BIPEA can offer, via participation of several of its members in PTS N°62.

IOFI wished to carry out an inter-laboratory evaluation of guidelines established by the WGMA for trace analysis in raw materials, for which BIPEA was able to prepare and distribute suitably-spiked samples to fifteen participants in the EU, India, the Far East, and the USA, and prepare a full report on the analytical results provided by the participants.

Marie-Philippe Seiller, Deputy Director of BIPEA, was able to attend a recent meeting of the WGMA in order to review and discuss the data and statistical analysis from this evaluation.

## NEWS

- ▶ **PTS 55 - Contaminants in wines:** the committee of PTS 55 decided to add a new matrix for the next annual series (2012-2013). **A naturally-sweet wine** will be proposed in March 2013.
- ▶ **PTS 21 - Fats and oils:** the parameter *hexanal* is now proposed in the PTS for the following matrices : frying oil, peanut oil, nut oil, fish oil.  
New parameters will be added to the PTS:
  - wax content
  - 4 PAH
  - sum of saturated fatty acids (g/100g).
- ▶ **PTS 32a - Trace elements in plants:** in order to check the aluminium content before analysis, an additional unspiked sample will be added for a test.  
This sample (with a minimum size to ensure sample homogeneity) will be sent in addition to the wheat sample in September 2012.
- ▶ **PTS 58 - Alcohols:** sample sizes for tasting and for the UV test will be increased to 500ml, as from April 2012.



*As usual, we offer a focus on a laboratory member of our association. This publication is made with the prior agreement of the person interviewed.*

*Today, the focus is on Nassima MERNIZ, analyst at the laboratory of the "Office Algérien Interprofessionnel des Céréales (OAIC)".*

### What can you tell us about OAIC?

The laboratory of the OAIC is managed by the DLN "Direction du laboratoire nationale" which is composed of:

- a central laboratory located in Algiers including standardization, phytosanitary and logistics services,
- two regional laboratories in the eastern and western parts of Algeria.

The laboratory was created in 1992 and brings together around 50 employees (mainly agronomists and biologists).

### What are the activities of your laboratory?

First of all, our laboratory aims to control imported products in order to prevent imports of non-compliant products into Algeria.

Our laboratory also acts to maintain the stability quality of stored products.

Finally, we ensure the preservation and the improvement of national productions.

### When did you first register for BIPEA PTS ?

We have participated in BIPEA inter-laboratory comparisons for the past decade or so.

## FOCUS ON A MEMBER

### Nowadays what role do BIPEA PTS play in your quality program?

We participate in BIPEA inter-laboratory comparisons in order to check the accuracy of our methods of analysis and implement corrective actions when needed.

Algeria has established a legal and regulatory framework which makes the quality control function a very important element.

The « Office Algérien interprofessionnel des céréales », as a major player in the world grain market, must have the resources to meet the quality requirements for imported products.

Our participation in BIPEA comparison tests fits into the framework of the harmonization and standardization of methods of analysis.

### How different are BIPEA PTS from those of its competitors?

The service offered by BIPEA is different at two levels: On one hand, the PTS proposed are regular, diversified and well-distributed in the year. This allows us to evaluate the accuracy of our results on a long term basis.

On the other hand, we note an advanced professionalism in the organization of the PTS.

### In conclusion, would you like to add something?

The proficiency tests proposed by BIPEA are part of our quality philosophy and represent a confidence factor. As a suggested improvement: the training sessions and technical meetings organized by BIPEA are short, and it would be good to lengthen them in the future.



## 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°321 and 322. The different standards are classified according to the PTS concerned, but should not be considered as exhaustive.

### PTS on ANIMAL FEEDS

- NF EN 16006:** Animal feeding stuffs. Determination of the sum of fumonisin B1 & B2 in compound animal feed with immuno-affinity clean-up and RP-HPLC with fluorescence detection after pre- or post-column derivatisation. *Nov 2011*
- NF EN ISO 6493:** Animal feeding stuffs -- Determination of starch content -- Polarimetric method. *Nov 2011*
- PR NF ISO 17180:** Animal feeding stuffs. Determination of lysine, methionine and threonine in commercial amino-acid products and premixtures. *Dec 2011*

### PTS on SOILS & INPUTS

- NF EN 15925:** Fertilizers. Extraction of total sulfur present in various forms. *Dec. 2011*
- NF EN 15926:** Fertilizers. Extraction of water soluble sulfur where the sulfur is in various forms. *Dec. 2011*
- NF EN 15956:** Fertilizers. Extraction of phosphorus soluble in mineral acids. *Dec. 2011*
- NF EN 13039:** Soil improvers and growing media. Determination of organic matter content and ash. *Dec. 2011*
- NF EN 16087-1:** Soil improvers and growing media. Determination of the aerobic biological activity. Oxygen uptake rate (OUR). *Dec. 2011*
- NF EN 16087-2:** Soil improvers and growing media. Determination of the aerobic biological activity. Self-heating test for compost. *Dec. 2011*
- NF EN 15960:** Fertilizers. Extraction of total calcium, total magnesium, total sodium and total sulfur in the form of sulfates. *Feb. 2012*

### PTS on GRAINS & MILLING

- PR NF EN 15587/A1:** Cereals and cereal products — Determination of impurities in wheat (*Triticum aestivum* L.), durum wheat (*Triticum durum* Desf.), rye (*Secale cereale* L.) and feed barley (*Hordeum vulgare* L.) *Dec. 2011*

### PTS on FATS & OILS

- NF EN ISO 3961:** Animal and vegetable fats and oils. Determination of iodine value. *Dec. 2011*

### PTS on WATERS

- NF EN ISO 18857-2:** Water quality. Determination of selected alkylphenols . Gas chromatographic-mass spectrometric determination of alkylphenols, their ethoxylates and bisphenol A in non-filtered samples following solid-phase extraction and derivatisation. *Feb 2012*
- PR NF ISO 17378-1:** Water quality. Determination of arsenic and antimony. Part 2. Method using hydride-generation atomic absorption spectrometry (HG-AAS). *April 2012*
- PR NF ISO 17378-2:** Water quality. Determination of arsenic. Part 2. Method using hydride-generation atomic absorption spectrometry (HG-AAS). *April 2012*
- PR NF ISO 17379-1 :** Water quality. Determination of selenium. Part 1. Method using hydride-generation atomic fluorescence spectrometry (HG-AFS). *April 2012*
- PR NF ISO 17379-2 :** Water quality. Determination of selenium. Part 2. Method using hydride-generation atomic absorption spectrometry (HG-AAS). *April 2012.*

## NEXT PTS ANNUAL COMMITTEES

PTS	Date	Time	Venue
<b>PTS on Waters: 34 - Feed waters: physicochemical analyses; 34a - Swimming pool water: physicochemical analyses; 52 - Waste waters: chemical analyses</b>	04/04/2012	10.00 am - 03.00 pm	Agri Naples
<b>PTS 57 - Waters: field analysis by samplers</b>	04/04/2012	03.00 pm - 5.00 pm	Agri Naples
<b>PTS 51 - Microbiology of foods (options ABCDE)</b>	19/04/2012	10.00 am - 12.00 am	BIPEA, Gennevilliers
<b>PTS on Waters: 35 - Microbiological analyses except Legionella; 50 - Microbiological analyses Legionella; 54 - Microbiological analyses Salmonella</b>	19/04/2012	01.00 pm - 05.00 pm	BIPEA, Gennevilliers
<b>PTS 16 - Filth test</b>	10/05/2012	10.00 am- 12.30 am	BIPEA, Gennevilliers
<b>PTS 56 - Microbiology of flours</b>	10/05/2012	02.00 pm - 04.30 pm	BIPEA, Gennevilliers