

# Contact.

**Bipea**  
artenaire de votre Qualité



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*Season's Greetings and  
Happy New Year  
from Bipea members staff!*

## GENERAL ASSEMBLY 2012

The General Assembly of BIPEA was held on December 13, 2012 in the premises of Agri Naples in Paris. Over 70 participants were present.

The first part of the meeting was composed by the presentation of the accounting and financial activities and the report of the statutory auditor.

Afterwards, several interventions were made on different topics:

- ▶ **"Optimizing the practices between laboratories of Invivo Labs Group, by participating in proficiency testing programs"** by Claude CHARRETEUR (Director Invivo Labs);
- ▶ **"Using interlaboratory comparisons tests within an international group: challenges and solutions"** by Pierre METRA (Silliker);
- ▶ **"Using the standard ISO 5725 in order to determine for a draft standard, its parameters of fidelity"** by Marie Philippe SEILLER (Deputy Director and Head of Quality department of BIPEA).

A pleasant lunch has ended the meeting.

We want to thank all the attendees of the OGA 2012.



Participants to the General Assembly 2012

## NEW PROFICIENCY TESTING PROGRAMS

### 40 - Detection and quantification of GMOs and DNA

The Committee decided to split the PTS 40 in two different options:

- ▶ 40a - Detection and quantification of GMOs
- ▶ 40b - Detection and quantification of DNA

Each option is composed by three rounds (December 2012, March and June 2013), and two samples will be sent per round. This division aims to better meet the request of the members.

### 31c - Mycotoxins : Baby food

A new proficiency test on Mycotoxins is currently running (December 2012). Around thirty participating laboratories received a sample of baby food with spiking levels in agreement with the maximum levels for baby foods and young children (according to the Regulation EC 1881/2006).

The parameters of this PTS are: Aflatoxins (B1, B2, G1, G2), Ochratoxin, Deoxynivalenol, Zearalenone, Fumonisin, T2-HT2, Nivalenol.

Please note that the deadline to register for this PTS is now over.

### 51f - Microbiology on fruits juice: Yeasts and moulds enumeration

A new proficiency test on Fruits Juice is planned on February 2013. The objective of this PTS is to quantify yeasts and moulds on a real sample of fruits juice.

Deadline to take part in this test is February, 1st 2013.

### 51g - Microbiology on semi-solid agar: Multiple parameters enumeration

A new interlaboratory comparisons program is scheduled on April 2013. This PTS will permit to detect several parameters on semi-solid Agar: *Bacillus cereus*, *Total coliforms*, *Thermotolerant coliforms*, *Clostridium perfringens*, *Enterobacterias*, *Escherichia coli*, *Total flore*, *Listeria monocytogenes*, *Staphylococcus aureus*.

Deadline to participate in this program is March, 15 2013.

### 69 - Wheat: French traditional bread

Following the request of our members, a new PTS is set up, which covers grains and milling domain. This program will be composed with two rounds: the first one is planned on February 2013 and the second one, on May 2013. Participating laboratories will receive for each round, a wheat sample of 4 kg. Grinding should be carried out in accordance with BIPEA BY 102 D directive and baking according to NF V03-716 French standard.

Deadline to register is January 15, 2013.

*In order to register to our program or for further information, please contact our sales department by phone +33.1.47.33.91.65 or by email: shellali@bipea.org .*

**SPECIAL DISCOUNTS ON ERMS SAMPLES: UNTIL 20% OFF !!!**

Dear members,

A promotional offer on External Reference Material samples, has been launched on December 5, 2012 and covers the following programs:

- ▶ **Grains and Milling:** PTS « 01 - Common wheat » ; « 02 - Flour alveograph » ; « 09 - Moisture determination » ; « 25 - Flour farinograph and mixolab » ; « 47 - French bread making test » ; « 40 - GMOs and DNA ».
- ▶ **Feeds:** PTS « 13 - Animal feeds » and « 42 - Premix ».
- ▶ **Food and food contaminants:** PTSs « 19 - Pesticides » ; « 20 - Dietary products » ; « 21 - Fats and oils » ; « 31 - Mycotoxins » ; « 32 - Trace elements ».
- ▶ **Soils and fertilizers:** PTS « 15 - Soils analysis » ; « 24 - Mineral fertilizer » ; « 45 - Organic fertilizer ».

Until January 16, 2013, benefit from 10% discount for an order for 4 to 9 samples and 20% discount for an order of 10 samples and more. (*this offer is only valid for samples prior to 2012*).

**STOCKS ARE LIMITED !!!**

Maybe you noticed some changes in your reports of interlaboratory comparisons since September 2012.

In fact, in order to offer you a complete, structured and well organized reports, some elements have been added and others removed.

The main change concerns the calculation of z-score. Now, z-score is not calculated from laboratories dispersion ( $s^*$ ), but based on the SDPA (Standard Deviation for Proficiency Assessment or standard deviation for proficiency assessment) which corresponds to 1/2 of tolerance value.

This permits to harmonize the proficiency assessment, by underlining the individual results and the z-score which was not previously the case and was a source of misunderstanding for some participating laboratories.

Now in the reports, you can notice that:

- ▶ There is a new information in the tables of results: SDPA (Standard Deviation for Proficiency Assessment), characteristic of dispersion related to the evaluation of the results, as defined in ISO 13528.
- ▶ The statistical parameters related to total population ( $p_{CA}$ ,  $x^*_{tot}$ ,  $s^*_{tot}$ ,  $p_{tot}$ ,  $p_{INC}$ ,  $p_{NO}$ ) were removed.
- ▶ z-score is now calculated as follows:  $(x - X) / SDPA$  with:  
 $x$  = laboratory result       $X$  = assigned value      SDPA = standard deviation for proficiency assessment.
- ▶ In order to meet the requirements of the standard ISO/CEI 17043, a special note concerning the appeal procedure for performance evaluation has been introduced: « Each participant can appeal against the evaluation of its performance by email to the following address: [statistiques@bipea.org](mailto:statistiques@bipea.org) ».

For your information, please note that we set up a booklet « [Focus on the interlaboratory comparisons report](#) ». This guide helps you in understanding the report. If you want to receive it, do not hesitate to contact us: [shellali@bipea.org](mailto:shellali@bipea.org).

## FOCUS ON A MEMBER

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 Delphine MAGARD, from «Neogen Europe Ltd» in Scotland (UK).

### What can you tell us about your laboratory ?

Neogen Europe Ltd, the European subsidiary of Neogen Corporation, is a high technology business dedicated to the development and marketing of novel diagnostic kits. These kits focus on topical concerns about the quality and safety of food and agricultural products, from the quality of seed that goes into the ground, right through the chain to the safety of fully processed food products.

Since 2003, Neogen Europe Ltd has grown very rapidly as we have focused on the demands of the European market.

Neogen Europe Ltd is an R & D and production centre in its own right with a development pipeline of products for food safety and plant disease of particular relevance to the challenges faced by the European agri-food industries.

Our Technical Support laboratory was set up in 2006, to offer technical support to our expanding customer base in our full range of Mycotoxin and Allergen detection kits and products.

### What are the activities of your laboratory ?

Our laboratory offers a comprehensive range of technical support to new and existing customers in the use of the full range of Neogen products for Food safety. Including matrix validations, adapting techniques and protocols to meet specific customer requirements, troubleshooting customer issues and problems. As well as offering training in the use of our product range both internally to sales personnel and to customers.

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

BIPEA PTS was originally conducted as part of our contract services laboratory, however as of September 2012 it was decided that this work was a better fit for the activities of our Technical support group and this work was transferred.

### What role do BIPEA PTS play in your quality program ?

Participation in the BIPEA PTS programme allows us to continually monitor the performance of our range of Mycotoxin testing solution to ensure that we are aware of impending issues with different products. It also provides a very useful database of validated matrices to demonstrate the suitability of our products for use with a wide range of different sample matrices. Moreover, it provides useful data to customers (and potential customers) to show the suitability of our kits to address their requirements

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

The amount of sample supplied allows us to use the samples for a wide range of different purposes and as a source of reference material for future kit development. It is also useful in addressing some customer issues with kit performance. The fact to have a wide range of different toxins within a single sample package allows multiple testing/validation on a single matrix.



### In conclusion would you like to add anything?

The BIPEA PTS samples provide a very useful resource for product validations and development of kits and products.

If you want to be interviewed and appear in our next newsletter, please send an email to: [shellali@bipea.org](mailto:shellali@bipea.org)

## 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°326 and 327. The different standards are classified according to the PTS concerned, but should not be considered as exhaustive.

### PTS on ANIMAL FEEDS

#### **NF EN 16215:**

Animal feeding stuffs - Determination of dioxins and dioxin-like PCBs by GC/HRMS and of indicator PCBs by GC/HRMS - *June 2012.*

### PTS on SOILS & INPUTS

#### **PR NF ISO 16729:**

Soil quality - Digestion of nitric acid soluble fractions of elements - *August 2012.*

### PTS on FOOD & FOOD CONTAMINANTS

#### **PR NF ISO 6884:**

Methods of analysis of fats and fatty oils. Other methods. Determination of ash - *December 2012.*

#### **PR NF EN ISO 9235:**

Aromatic natural raw materials - Vocabulary - *August 2012.*

#### **PR NF EN ISO 21570/A1:**

Foodstuffs — Methods of analysis for the detection of genetically modified organisms and derived products — Quantitative nucleic acid based methods - *July 2012.*

#### **PR NF ISO 10115:**

Essential oil of tarragon (*Artemisia dracunculus* L.), French type - *July 2012.*

### PTS on WATERS

#### **ISO 12846:2012:**

Water quality -- Determination of mercury -- Method using atomic absorption spectrometry (AAS) with and without enrichment - *April 2012.*

## NEXT PTS ANNUAL COMMITTEES

PTS	Date	Venue
PTS 08 - Impurity determination	01/16/2013	BIPEA, Gennevilliers
PTS 58 - Alcohols	01/17/2013	BIPEA, Gennevilliers
PTS 65 - Compounds extracted from wood in spirits	01/17/2013	BIPEA, Gennevilliers
PTS 18 - Spirits	01/17/2013	BIPEA, Gennevilliers
PTS 05 - Common wheat: varietal identification	01/22/2013	ANMF, Paris
PTS 21 - Fats and oils	02/14/2013	AFNOR, Paris