

Your newsletter, 39th Year, February 2011 - n°105

CONTENTS

ERM promotion	p. 1
General assembly	p. 1
News	p. 2
PTS 32 Trace Elements	p. 2
Chairperson's training	p. 3
Focus on a member	p. 3
Our partner in Germany	p. 3
Quality news & next PTS committees	p. 4



DISCOUNT ON E.R.M.

In order to **check the accuracy of your analysis**, Bipea proposes you until **February 15, 2011**, a special offer on **External Reference Material for the following proficiency testing schemes** : «13-Animal feeds», «15-Soils», «17-Wines», «19-Pesticides», «21-Fats and Oils», «31-Mycotoxins», «32-Trace elements», «42-Premix», «20-Dietary products».

Get a 10 % discount with ordering 4 to 9 samples and 15 % off for more than 10 samples.

E.R.M. are samples from previous rounds of interlaboratory comparisons. They are available for sale, exclusively to Bipea members as soon as the interlaboratory comparisons report is edited by our statistical department. The Sales department remains at your disposal for further information : commercial@bipea.org

HAPPY BIRTHDAY BIPEA : 40 YEARS !



General Assembly

Bipea celebrated its 40th anniversary during its last general assembly held on December 8, 2010 at « Espace centenaire de la Maison de la RATP » in Paris. More than 100 members did participate in various lectures all day long. Different topics were discussed including the importance of participating at PTS committees, where members can easily share their suggestions and recommendations, related to the organization of Bipea PTS.

This meeting gives the opportunity to members to discover the large variety of PTS proposed by Bipea. In 1970, Bipea did start its activities in the grain and milling sectors ; then expanded its know-how to different fields such as agro-food, environment and cosmetics. Please note Bipea's evolution:

- ⇒ 1970 : 60 members and 8 PTS
- ⇒ 1995 : 600 members and 25 PTS
- ⇒ 2010 : 1150 members and 60 PTS

This event was ended by a pleasant cocktail celebrating **the 40 years of your organization.**



Above : General Assembly 2011

NEWS

PTS « 17 - Wines » proposes international samples!

The success of the PTS “17 - Wines” has led the PTS committee to introduce news matrices. Thus, the 146 members of this scheme, coming from 22 different countries, will have the opportunity to analyze wines from different countries:

- ▶ For this annual series 2010-2011 **an Italian wine** is scheduled : Venetian wine.
- ▶ For the next annual series 2011-2012 **a Spanish red wine** such as Rioja will be planned.

PTS « 60 - Sunscreen products » : a new matrix

According to the PTS committee held on October 29, 2010, the 12 laboratories participating in the PTS « 60 - Sunscreen products » will analyze in March 2011, a new matrix: **a sun spray**.

Furthermore, and in accordance with the new ISO 24444 standard, online form has been adapted : thus, laboratories are

Introduction of new matrixes for PTS « 42 - Premix » and « 13 - Animal feeds »

The committees of the PTS « 42 - Premix » and « 13 - Animal feeds » of December 2010 decided to **add matrixes** from the current annual series :

- ▶ For PTS « 13 - Animal feeds »: Corn draff and **triticale** will be proposed alternately during each annual series.
For grains and extruded products, a new parameter is introduced: Water activity (aw).
- ▶ For PTS « 42 - Premix »: Multivitamin supplements (CMV) and blends of vitamins will be proposed alternately each annual series.

« EVOLUTION OF THE PTS 32 «TRACE ELEMENTS »

The PTS « 32 - Trace elements » was created in 1998 and gathered initially 23 laboratories . At the beginning, it was covering different fields of analysis of trace elements by the utilization of a great variety of matrixes. Laboratories interested by these analysis participated in this program but they didn't carry out all tests. Furthermore, natural matrixes didn't present systematically the required contamination in trace elements.

Since its evolution in 2008 in order to match with the needs of laboratories, this PTS has been split into 4 options . Matrixes of this scheme are systematically spiked. This fact permit laboratories to check their accuracy for the following elements: Aluminum, Arsenic, Cadmium, Cobalt, Chrome, Tin, Fluorine, Iodine, Mercury, Molybdenum, Nickel, Lead and Selenium.

Nowadays this PTS is a big success : more than 50 laboratories are participating in these options during the annual series 2010-2011. **In the meantime, 5 new matrixes** will be introduced for the annual series 2011-2012 :

- ▶ For PTS « 32a - Trace elements in vegetables », potatoes will be added alternately with dried mushrooms, and spices alternately with thyme.
- ▶ For PTS « 32c - Trace elements in animal feed », soybean cake will be proposed alternately with rapeseed cake.
- ▶ For PTS « 32d - Trace elements in human food », meal replacement products will be proposed alternately with food supplements, and milk powder alternately with cheese.
- ▶ There is no change for PTS « 32b - Trace elements in sea products ».

Moreover, regarding **our tests reliability** and **the reference value robustness**, **the test of June 2010 was conducted jointly with the French National Testing Laboratory (LNE)** in order to consolidate the values obtained from laboratories. **This test has shown that assigned values estimated by BIPEA are very close to the values obtained by a reference method: the isotopic dilution by mass spectrometry ICP-MS .**

CHAIRPERSON' TRAINING

The Chairpersons of the different schemes were invited to participate in a meeting dedicated to their training, held on Friday January 28, 2011. During this day, they visited the facilities of BIPEA in order to understand better how Bipea is operating.

Various topics were discussed:

- ▶ Introduction to 17043 standard,
- ▶ Introduction to Chairperson's function,
- ▶ Interlaboratory comparisons organization and Committees,
- ▶ Introduction to the method of homogeneity control,
- ▶ Introduction to statistical treatment

The Chairpersons are elected for 4 years, renewable three times.

They are volunteer and have a crucial role in our association.

Welcome to Bipea and thank you for your implication !



Above from left to right : Mr. Caria, Mrs Barthas, Mrs Moyal, Mr. Faust, Mrs Appriou, Mrs Guittou, Mrs Le Brun, Mr. Soupirot, Mrs Geoffroy, Mr. Brévard, Mr. Saint-Pierre, Mrs Ravison, Mrs Vacchina.

Interview of M. Juret, quality manager of Eurofins France.

What can you tell us about Eurofins Group and its activities ?

Created in 1988, Eurofins is a company specialized in bio analysis in different fields such as agro industry, environment and health.

What are the activities of your laboratory ?

Located at Nantes, our laboratory, Eurofins Analytics France, is the headquarter of the food division in France. Our activity is organized around four domains : the physical and chemical analysis, molecular biology, sensory analysis and the management of European R&D projects .

When did you register to Bipea to participate in our PTS? What were your main reasons?

We participate in BIPEA PTS since 1994. Those PTS enable us to support the internal development of our laboratory by monitoring our analysis accuracy. In this way we can reassure our customers about the reliability of our analysis. Thus, the PTS permitted us to prepare the first COFRAC accreditation according to 45001 standards.

Nowadays how Bipea' PTS take part in your quality approaches ? What do those PTS contribute to ?

Participating to BIPEA PTS, our laboratory Eurofins matches with the requirements of 17025 ISO standards. These tests allow us to check our analytical methods' accuracy.

FOCUS ON A MEMBER !

In this way, we can set up corrective actions and conduct studies on customers results. Additionally, we can control the methods uncertainty measurement and check the technical skills of our staff.

How different are Bipea' PTS from its competitors ?

First, Bipea PTS are regulars and well-spread throughout the year enabling us to evaluate our accuracy results at short, medium and long term.

The samples are diversified and permit to carry out analysis on various parameters. Samples are close to those we analyze in routine.

Another positive aspect : the performance criteria is based on an assigned value with a fixe tolerance, that is more relevant to customer expectations.

Otherwise, I think that Bipea' committees, composed with members is a very good idea since it permits to match with the laboratories needs.

In conclusion, would you like to add something ?

Yes, I would say that Bipea' PTS contribute to our efficiency. Our efficiency is regularly evaluated by our customers and by external evaluators. It represents a decisive criterion for them and we have to provide reliable results.

OUR PARTNER IN GERMANY

Lach & Bruns is an international company aiming to evaluate laboratories efficiency. Created in 2005, this company is headed by two specialists in agro industry and chemical analysis:

Ms Silke Bruns and M. Günter Lach.

Since November 2010, Bipea is pleased to welcome **Lach & Bruns** as its first partner in Germany. In this way, Silke Bruns and Gunter Lach will promote different activities of Bipea in Germany.

We wish a great success for this collaboration ! We look forward welcoming new German laboratories.



QUALITY NEWS

Due to the constant evolution of the quality field, here is the summary of the standardization efforts of these last months, according to the official standards of the magazine Enjeux n°309 and 310. The different standards are classified by PTS and do not claim to be thorough.

PTS GRAIN / CEREAL PRODUCTS

NF EN ISO 24333 : Cereals and cereals products - Sampling (2nd printing, september 2010) (identical to EN ISO 24333:2009, EN ISO 24333/AC:2010, ISO 24333:2009). Febr.2010.

NF V03-704 : Cereals and cereals products- Flour and wheat milling complete - Determination of rheological behavior of pastes according to temperature and temperature increase. Oct.2010.

PR NF ISO 7970 : Common wheat (*triticum aestivum* L) - Specifications (identical to ISO/DIS 7970:2010). Nov.2010.

PTS 13 / 26a : ANIMAL FEEDS

PR NF ISO 6495 : Animal feeds - Determination of soluble chloride content in water. Oct.2010.

PR NF ISO 6491 : Animal feeds - Determination of phosphorus content. Oct.2010.

PR NF ISO 6492 : Animal feeds - Determination of fats content. Oct.2010.

PR NF EN 16158 : Animal feeds - Semduramicin assay - liquid chromatography using an analytical approach to tree. Déc.2010

PR NF EN 16159 : Animal feeds - Semduramicin measurement - liquid chromatography using an analytical approach in tree. Dec.2010 .

PTS 20 : DIETARY PRODUCTS AND NUTRITIONAL LABELLING

XP CEN ISO/TS 16634-2 : Foodstuffs - Determination of total nitrogen content by combustion according to the Dumas principle and calculation of crude protein content - Part 2: Cereals, pulses and milled cereal products. Sept.2010.

NF ISO 11813 : Milk and milk products-Determination of zinc content - Atomic absorption spectrometry method with flame. Oct.2010.

NF ISO 6091 : Dried milk - Determination of titratable acidity. Nov.2010.

PR NF EN 16155 : Foodstuffs - Determination of sucralose - Method by high performance liquid chromatography. Dec.2010.

PTS 34 : FEED WATERS : PHYSICOCHEMICAL ANALYSIS

ISO 11349 / 2010 : Water quality - Determination of lipophilic substances with low volatility. Sept.2010.

PTS 51 : FOOD MICROBIOLOGY

ISO 13720 / 2010 : Meat and meat products: Enumeration of *Pseudomonas spp.* presumptive. Aug.2010.

PTS 21 / 21a : FATS AND OIL / OLIVE OIL

ISO/TS 23647/2010 : Vegetal origins fats - Determination of wax content by gas chromatography. Oct.2010.

PTS 15 : SOILS

PR NF X31-620-1 : Soil quality - Services relating to contaminated land - Part 1: General requirements. Oct.2010.

PR NF X31-620-2 : Soil quality - Services relating to contaminated land - Part 1: Requirements in studies, assistance and supervision. Oct.2010.

NEXT PTS COMMITTEES

PTS	Date	Time	Venue
« 26 - Amino acids »	15 February	09.30 - 12.30 am	
« 20 - Dietary products »	15 February	01.30 - 04.30 pm	Bipea, Gennevilliers
Water PTS : 37 / 53 / 48 / 59	17 February	09.30am - 05.00pm	
« 21 - Fats ans Oils »	8 March	02.00 - 05.00 pm	AFNOR St Denis (93)
« 10 - Oilseeds »	15 March	02.00 - 04.30 pm	