

Your newsletter, 38th Year, April 2010 - n°103

Contents

Aromatic products	p. 1
Let's go to the swimming pool !	p. 1
The SAGL	p. 2
Bipea at Eurolab Warsaw	p. 2
Do you speak IATA?	p. 3
Quality news	p. 4

Aromatic products: a promising experimental PTS

Since January 2010, Bipea gives you the opportunity to participate to a new Proficiency Testing Scheme (PTS) on aromatic products. This PTS, launched in cooperation with the French syndicate of aromas "SNIAA", is composed of 4 tests spread over 4 months, from January to April 2010. Matrix used are by chronological order of expedition: a lavender essential oil, a natural vanilla aroma with coumarin, a powered aroma and to finish, an essence. The involvement to this PTS is hopeful with at mid-term, 13 participants coming from 4 different countries.

Would you like more information about this PTS?

Our Sales Department will be pleased to answer your question.

Yours... Aromatically!

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°301 and 302. The different standards are classified by PTS and do not claim to be thorough.

See you on page 4.

Let's go to the swimming pool !

February has been the occasion for Bipea to launch a new Proficiency Testing Scheme on bathing water. This single test aims at calculating the trihalomethanes (THM) rate in the swimming pool water. The THM are sub-products of disinfection of drinking water by chlorine in interaction with natural organic matter. The contribution to this part of the PTS "37-Feed waters micropollutants" has been satisfied with a participation of more than 40 laboratories among which some of them have been in a position to apply the NF ISO 10301 standard – Section 2 extraction liquid/liquid method.



Above: Our production technician, Laurent Lemonnier, during the execution of the expedition of the PTS swimming pool water

Exhibitions: Where can we meet ?

Exhibition	Theme	Day
CAFMET Cairo, Egypt	Metrology	19-23 th April
Water Framework Lille, France	Waters	26-28 th April
EPWR Strasbourg, France	Pesticides	20-24 th June
JIE 2010 Poitiers, France	Waters	28-30 th Sept
AACC Meeting Savannah, USA	Cereals	24-2 th Oct

MEMBER OF HONOUR :THE SAGL

Bipea wants to honor a member in every Newsletter. Our confidentiality policy does not allow us to publish the list of our members. Thus, in order to highlight one of our subscribers, we have beforehand obtained its agreement. Let us know if you want to have the floor!

To start this new section, we want to highlight the activities of a major laboratory on the African continent: the Southern African Grain Laboratory (SAGL). The SAGL was established in 1997 at the request of the grain industry in South Africa.



The SAGL is based in Pretoria, South Africa. The vision of the SAGL to be recognized as the market leader in grain analyses and related services in Southern Africa is realized through the technically competent staff compliment of 24 employees under the leadership of Wiana Louw. As an ISO 17025 accredited laboratory the services offered by the SAGL include an internationally competitive range of more than 70 different laboratory services. The grading services include grading of wheat, maize, grain sorghum, barley, oats, sunflower and soybeans. On the analytical side, the following analyses are currently part of the scope of services offered: physical, milling, chemical, mycotoxins, amino acids, vitamins, rheological and baking analyses. Jolanda Nortjé, Manager of the laboratory feels satisfied with Bipea “the samples have always been received at the expected date and the setting up of the Z-score within the statistic report has added value”. We hope that this exemplary laboratory will continue to fulfill their important role in Southern Africa and that our partnership with their management team goes from strength to strength.

From left to right, Mrs. Wiana Louw, SAGL's Director, Mr. Bruno Berken, Bipea's Director and Jolanda Nortje, Manager of the laboratory

VISIT OF DEPUTY MINISTER OF BULGARIA

On February 15, Bipea welcomed in its premises, Mr Preslav Borisov, Deputy Minister of Agriculture of the Republic of Bulgaria. This visitation gave the opportunity to Bipea to explain to its visitors the functioning of its departments: statistics, technical and scientific support, production and logistics, quality. The Vice Minister was curious and interested concerning the activities of Bipea: he will be its ambassador in Bulgaria by promoting our services.

BIPEA AT EUROLAB WARSAW

On March 3, 4 and 5 took place at Warsaw, the 12th Eurolab expo of the analytical, metrological and control techniques. This annual manifestation is a major event for the Polish laboratories. Therefore, Bipea was attending to this event, presenting a stand at the displaying of our colors. This fair was the occasion to attend several lectures, such as the one from Mr. Tadeusz Matras, Director of the Department of Polish laboratories accreditation, where the place was jam-packed. According to the organizers, the Polish salon welcomed more than 4800 visitors coming from all around the country. This event was the occasion for the Bipea to understand the expectancies of the Polish laboratories and promote the inter-laboratories tests already in process.



BIPEA's booth at the Eurolab salon in Warsaw

DO YOU SPEAK IATA ?

The acronym IATA stands for International Air Transport Association. The IATA brings together 230 airline companies which represent about 95% of the world air passenger traffic. Its main role is to assign a 3 letter code to the airports and also to the main railroad stations.

But where is the link with the Bipea?

One of the activities of the IATA is to create rules concerning products known as dangerous. The association regularly posts a manual dedicated to hazardous materials which represents a standard for carriers. Thus, the reflection lead by our Production Department on the potential dangerousness of the 70 000 samples sent every year, has found answers thanks to the IATA. According to François Roussey, Bipea's production technician and IATA correspondent: "the application of the IATA has entailed a great number of repercussions on the packaging and the parceling".

Indeed, every new matrix developed by the Bipea requires a dangerousness preliminary research and involves a reflection concerning the choice of the transport packaging.

From now on, your samples from the PTS "58-alcohols" are, for security reasons, packed in two plastic bags and covered up by an absorbing material and placed in a homologous box fitted with its IATA form. Such an organization deserves attention!

For you, the application of the IATA regulation by Bipea enables to guarantee the shipment of yours samples in safety, regarding the rules in effect. This is a highly-professionalism guarantee for an appropriate reception of yours samples!



Details of an expedition of alcohol: samples contained in plastic bags are covered up by vermiculite

COMMITTEE LIQUOR WINE

On February 8, occurred at Porto, the committee of the PTS "39: liquor wine", presided by the Professor José Tomas Simoes of the Instituto de Vinho de Porto. A great number of participants to this PTS took the invitation up *via* our Scientific and Technical services. This annual committee has enabled to define new standard values for the parameters concerned and to discuss of a possible new positioning for the next campaign scheme. Bipea really wants to warmly thanks the hosts of this event but also the guests who have exchanged in French in a constructive and convivial way. Henceforth, we invite us to the committee of the end of the campaign 2010 next year.

At your disposal

If an article or old publication interests you, we are at your disposal in order to fulfil any request for information.

contact@bipea.org

FOCUS

You need more samples?

We inform you that External Reference Material (ERM) are available for our members.

We specially offer you a **15% discount if you order more than 10 pieces prior to May ,15, 2010.**

PTS 34 : FEED WATERS: PHYSICO-CHEMICALS ANALYSIS

PR NF EN ISO 14403-1 et **PR NF EN ISO 14403-2** : Quality of water – Dosage of total and free cyanides by continuous flow analysis (FIA and CFA). Jan 2010.

PR NF EN 16003 Chemicals used for the water treatment bound for the human consumption-Calcium and magnesium carbonate. Jan 2010.

PTS 48 : WATERS : AOX - HYDROCARBURES

XP T90-Quality of water-Determination of the hydrocarbon volatile index-Method by chromatography-flame in gaseous phase of static headspace. Dec 2009.

PTS 15 : SOILS

XP CEN ISO/TS 21268 Soil Quality -Leaching Procedures For Subsequent Chemical And Ecotoxicological Testing Of Soil And Soil Materials. Dec 2009.

PTS 45 : ORGANIC FERTILIZERS

XP U44-162 Organic soil improvers and growing media – biochemical fractionation and estimation of biological stability - method of organic matter characterisation by successive solubilisations. Dec 2009.

PR NF EN ISO 13039 improvers and growing media. Determination of organic content and ash. Jan 2010.

PTS 31 : MYCOTOXINS

PR NF EN 16006 Animal feeding stuffs. Determination of the Sum of Fumonisin B1 & B2 in compound animal feed with immunoaffinity clean-up and RP-HPLC with fluorescence detection after pre- or post- column derivatisation. Jan 2010.

NF EN 15791 Measurement of the concentration of deoxynivalenol contains in animal feeds-Method of high-performance liquid chromatography with detection by fluorescence and purification on immunoaffinity column. Dec 2009.

PTS 13 : ANIMAL FEEDS

PR NF EN ISO 11085 Cereals, cereals-based products and animal feeding stuffs - Determination of crude fat and total fat content by the Randall extraction method. Jan 2010.

PTS CEREALS

PR NF EN ISO 5529 Bread wheat-Determination of the sedimentation index -Zeleny test. Feb 2010.

NF EN ISO 712 Cereals and cereal products- Determination of moisture content. Jan 2010.

PR NF EN ISO 2171 Cereals, legumes and derivative products- Determination of ash yield by incineration. Feb 2010.

PR NF EN ISO 6540 Maize- Determination of moisture content (on milled grains and on whole grains). Feb 2010.

PTS 21 : FATS AND OILS

NF ISO 28198 Vegetable fats and oils -- Determination of toluene insoluble matter. Nov 2009.

NF EN ISO 11702 Animal and vegetable fats and oils -- Enzymatic determination of total sterols content. Feb 2010.

XP V09-503 Sensory analysis - Performances assessment of a group performing sensorial profiles. Dec 2010.

Experimental PTS 62 : AROMATIC PRODUCTS

NF T75-265 lavender essential oil (*lavandula angustifolia*). Nov 2009.

The next committees

The committees will take place in our premises on April, 19, 2010 between 9.30 AM and 3.30 PM : “35-Waters: Microbiologic analysis without *legionella*”, “50- Eau: *Legionella* microbiologic analysis”, “54-Waters: Salmonella microbiologic analysis”.

On the same day, from 3.30 PM and 5.00 PM, will occur the “ 51- Microbiology on foods stuffs” PTS committee.