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BIPEA NEW PREMISES

Since June 30, 2014, BIPEA moved to new premises in Paris: Business Park CAP 18 - 189 rue d'Aubervilliers, 75018 Paris.

For many years BIPEA knows a regular growth; in 10 years, more than 1,000 laboratories joined us. To guarantee our business development, this move appeared as very important.

New workspaces to meet BIPEA development

Larger and better organized premises and spaces were built in order to meet our needs.

This building includes offices and production areas that were built and organized in order to optimize the manufacturing of our samples: from the reception of raw materials to the samples shipment, including the manufacturing and homogeneity control.

These developments have also allowed us to adapt the manufacturing areas according to each type of matrices and parameters.

Paris, proximity for all

The geographical location of the new facilities was an important key factor in our search. Localized in Paris, the Business Park CAP 18 provides better access for our members and employees:

- ▶ Public transportation: Metro (line 7 and 12), Bus (35, 54, 60) Tram, T3b,
- ▶ Car: Parking spaces available.

CAP 18 site will absorb BIPEA's growth for the next 15 years.

CHARACTERISTICS

- Mixed site on 2 floors

- Total area: 1545 m²
office area: 280 m²
production area: 1265 m²

- 2 trucks

- Secure site

- 2015 : Opening of the new RER E Station « Rosa Parks »



2014 GENERAL ASSEMBLY

BIPEA General Assembly will be held on December 4, 2014 on the premises of Eurosites La Chapelle in Paris (75018).

During this day, the reports covering the financial activities and the auditor's reports will be presented to the attending members.

Then in the afternoon, we will be pleased to welcome you into our new offices in Paris.

An invitation will be sent to you soon. Please feel free to apply by contacting Ms. Penelet per email: fpenelet@bipea.org.

NEW PT SCHEME « VINEGAR »

Within the framework of our development policy and in order to meet laboratory needs, we regularly set up new PT Schemes.

We are pleased to launch a new proficiency testing program "**Vinegar**". This experimental test is planned in 2015 and will include two rounds.

All technical details are described below:

- ▶ Schedule: one round in **January 2015** and one in **April 2015**,
- ▶ Matrices: **White wine vinegar, Red wine vinegar** (0.75 cl) one sample per round,
- ▶ Criteria: **Total acidity (acetic acid), fixed acidity (acetic acid), volatile acidity (by calculation), residual alcohol content, total dry extract, ash, reducing non-volatile substances, Total sulfur dioxide, free sulfur dioxide, total ascorbic acid, Chloride (in ion Cl⁻), sulfates (in ion SO₄²⁻), Copper, Zinc, Iron, Lead, Lithium, Mercury, acetoin, density at 20 ° C, determination of methanol, higher alcohols and ethyl acetate,**
- ▶ Method: **OIV**.

If you wish to register for this program or receive additional information, please contact our sales department by phone +33.1.40.05.26.42 or email shellali@bipea.org .

2014-2015 EDITION CODE

Your new **edition code is directly available in your Member area**.

This code changes each year at the beginning of the annual series and **allows you to identify your results in the interlaboratory comparisons reports**.

To obtain it, you just have to log into our website www.bipea.org, table « Member area ».

You can also contact our sales department: sales@bipea.org .

CUSTOMIZED PT SCHEMES

BIPEA organizes customized proficiency tests for an external organism or a group of laboratories, under conditions.

In addition to our regular proficiency testing schemes and reference materials, we are able to customize proficiency tests to meet your specific requirements.

These personalized PT allow you to evaluate your performance on targeted matrices and parameters.

In this context, we can realize any application relating to the organization of a PT program: from the samples manufacturing to the statistical treatment, in various areas (food, environmental, oil, cosmetics, pharmaceutical, medical ...)

These PT conform with ISO 17043 and 13528 standards.

For any further information, please contact our sales department: sales@bipea.org.

EVENTS

As part of our international development, we regularly participate in exhibitions / workshop in analytical fields.

We will be present in the following exhibitions:

- ▶ Pollutec Casablanca (Morocco) from 15 to 18 oct. 2014
- ▶ India LabExpo Hyderabad (India) from 6 to 8 nov. 2014
- ▶ Pollutec Lyon (France) from 2 to 5 dec. 2014.

Our presence at these events increase the number of participants. It permits to consolidate our representation abroad and to increase trust in our PT schemes.

This is also an opportunity to discuss with the laboratories about their needs and answer the requests of our members.

We will be happy to see you there!



TWO KINDS OF PT SCHEMES FOR PESTICIDES

BIPEA organizes PT programs for pesticides in foodstuffs:

- ▶ PTS "19 - Pesticides",
- ▶ PTS "66 - Multi-residue screening of pesticides".

Those PT Schemes are provided on the same matrices (fruits and citrus fruits, cereals, vegetables, fatty products, wines and honeys). However the difference lies in the purpose of the test and the information provided in the interlaboratory comparisons report.

PTS 19 - Pesticides: Measurand and signal

The program '19 - Pesticides "concerns the quantification of pesticides, frequently present in the type of matrix chosen.

This test corresponds to the main objective of the ISO 13528 standard, "Statistical methods for use in proficiency testing by inter-laboratory comparisons", ie to determine the performance of laboratories for testing with a clearly defined measurand (eg the lambda-cyhalothrin in mg / kg) and quantitative data.

PTS 66 - Multiresidue of Pesticides: further qualitative information

The proficiency test '66 - Multiresidue pesticide "is a blind test for the detection, identification and quantification of pesticides in the provided sample. Participating laboratories have first to identify and quantify the molecules present in the sample; in this case, this program is a qualitative test.

Then, for quantified molecules, the judgment rules of PT "19 - Pesticides" are applied to provide a performance evaluation through a warning signal or action to the participant.

So, in addition to the quantitative information, the qualitative one is very important for the laboratory.

Three areas are covered:

- ▶ **Number of identifications**
How many molecules were searched,
How many molecules were identified.
This conclusion allows the laboratory to display information on its ability to identify all the molecules present in the sample.
- ▶ **Quantification limits**
How many molecules were detected but not quantified, with the values of quantification limits.
This conclusion allows the laboratory to display information on its ability to quantify molecules, in accordance with the objectives of its customers.
- ▶ **Quality of identification**
The molecules really present in the sample and correctly found by the participant,
The molecules not present in the sample and found by mistake by the participant.
This conclusion allows the laboratory to display information on its ability to correctly identify molecules (no false positive or false negative).

Complementary programs

These two programs are very complementary, as they offer the same type of analyses with different objectives.

PTS '19 - Pesticides "with a frequency of 3 to 6 rounds per kind of matrices and per year, allows each laboratory to assess its ability to quantify known pesticides, present in the sample.

PTS '66 - Multiresidue pesticide "with a frequency of one test per kind of matrices every two years, allows each laboratory to test its ability to detect, identify and quantify without any mistake, all the pesticides present in the sample.

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°347, 348. The different standards are classified according to the concerned PTS, but should not be considered as exhaustive.

WATERS

ISO 5667-6:2014 IS July 2014: Water quality -- Sampling -- Part 6: Guidance on sampling of rivers and streams.

ISO 17289:2014 IS July 2014: Water quality -- Determination of dissolved oxygen -- Optical sensor method.

NF EN ISO 12010 HOM June 2014: Water quality. Determination of short-chain polychlorinated alkanes (SCCPs) in water. Method using gas chromatography-mass spectrometry (GC-MS) and negative-ion chemical ionization (NCI).

SOILS

ISO 14388-1:2014 IS August 2014: Soil quality. Acid-base accounting procedure for acid sulfate soils. Introduction and definitions, symbols and acronyms, sampling and sample preparation.

ISO 14388-2:2014 IS August 2014: Soil quality - Acid-base accounting procedure for acid sulfate soils - Part 2: Chromium reducible sulfur (CRS) methodology.

ISO 14388-3:2014 IS August 2014: Soil quality - Acid-base accounting procedure for acid sulfate soils - Part 3: Suspension peroxide oxidation combined acidity and sulfur (SPOCAS) methodology.

NF EN ISO 10693 HOM June 2014: Soil quality - Determination of carbonate content - Volumetric method.

FOOD

ISO 17758:2014 IS June 2014: Instant dried milk - Determination of the dispersibility and wettability.

ISO 12228-1:2014 IS July 2014: Determination of individual and total sterols contents - Gas chromatographic method - Part 1: Animal and vegetable fats and oils.

ISO/TS 17383:2014 TS Sept. 2014: Determination of the triacylglycerol composition of fats and oils - Determination by capillary gas chromatography.

NF EN 14164 HOM July 2014: Foodstuffs. Determination of vitamin B6 by HPLC.

NF EN ISO 6883 HOM June 2014: Animal and vegetable fats and oils - Determination of conventional mass per volume (litre weight in air).

NF EN ISO 29841 HOM July 2014: Vegetable fats and oils - Determination of the degradation products of chlorophylls a and a' (pheophytins a, a' and pyropheophytins).

NF EN ISO 12872 HOM July 2014: Olive oils and olive-pomace oils - Determination of the 2-glyceryl monopalmitate content.

NF EN ISO 12873 HOM June 2014: Olive oils and olive-pomace oils - Determination of wax content by capillary gas chromatography.

BIPEA

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

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