

PROFICIENCY TESTING PROGRAMS

REFERENCE MATERIALS

- **FOOD**

- PHYSICO-CHEMISTRY, MICROBIOLOGY,
SENSORY

- **FEED**

- PHYSICO-CHEMISTRY, MICROBIOLOGY

- **ENVIRONMENT**

- PHYSICO-CHEMISTRY, MICROBIOLOGY,
SENSORY

- **COSMETICS / PHARMACEUTICAL**

- PHYSICO-CHEMISTRY, MICROBIOLOGY

ISO/IEC 17043 ACCREDITED

ISO 9001 CERTIFIED

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ABOUT BIPEA

Created in 1970, BIPEA is a European independent organisation which is composed of a wide network of laboratories concerned by control and quality.



ANNUAL PROGRAMS

In order to evaluate the analysis performance of your laboratory on a long-term basis, BIPEA offers regular programs of interlaboratory comparisons in the form of annual series.

Each annual series begins in September and finishes in June of the following year.

Each series is composed of various rounds. Depending on the programs, there can be one sample to analyse or more, per round. Laboratories participating in a proficiency-testing program will receive all designated samples for that program. They can choose to analyse all criteria or only those that are of interest for them.

SERVICES OFFERED

- **REGULAR PROFICIENCY TESTS (PTS)**
- **REFERENCE MATERIALS (ERM)**
- **CUSTOMISED PTS**
- **TECHNICAL CONTROL**
- **TRAINING SESSION**

WHY CHOOSE BIPEA?

- A technical expertise officially recognised:
 - **ISO/IEC 17043 accredited** (scope 1-1495),
 - **ISO 9001 certified,**
- Over 50 years' experience,
- A multi-sector activity in constant evolution,
- A wide range of matrices and criteria,
- **PT programs defined by committees and technical groups composed of experts,**
- Reports made according to ISO 13528 standard, and **results validated by technical experts,**
- Confidentiality of results.

MULTI-FIELDS ACTIVITY



ABOUT BIPEA

BENEFITS OF OUR PROFICIENCY TESTING PROGRAMS

Interlaboratory comparisons meet the requirements of laboratories' quality standards and are a strategic part of their quality system. Thus, a large number of laboratories taking part in our programs join us within the framework of their accreditation/certification by official bodies. BIPEA proficiency-testing programs are more than basic tests.

In fact, the main goal of our proficiency-testing programs is to prove the laboratory's technical skills on a worldwide basis. Laboratories do not often have the opportunity and time to compare their results with others.

Interlaboratory comparisons are considered fundamental: a laboratory needs to compare its testing results with the real value of a specific material, to check its accuracy.

Moreover, a systematic bias or drift of test results can only be highlighted through long-term observation.

In the case of unsatisfactory results, laboratories can use their results from our proficiency-testing programs as a tool for improvement. These enable a laboratory to determine the reasons for its deviation. Whether this is a one time or systematic problem of method, drift, or bias, it can be identified by an appropriate participation in our proficiency-testing programs.

Thus, participating in interlaboratory comparisons set up by an external organisation such as BIPEA clearly allows confirmation of the analytical performance of a laboratory.

To sum it up, BIPEA interlaboratory comparisons can help laboratories to identify sources of analytical error, taking corrective actions and improving the analytical performance on a short, medium and long term basis. Our tests can also be used for training, in order to check employees' technical skills.

Finally, BIPEA proficiency-testing programs are a key factor in laboratory quality systems and can reassure stakeholders on the good quality service of a laboratory.

BIPEA PARTICIPATING LABORATORIES PLAY A CRUCIAL ROLE!

In order to meet its member needs, BIPEA sets up regular meetings for each proficiency testing program. These committees are represented by an elected person who is also a participating member of the program.

All participating laboratories are invited to join these meetings where laboratories and BIPEA staff discuss possible improvements for the PT programs: nature of the samples, shipment frequency, calculation of the assigned value, etc.

These committees are also meant to promote a friendly atmosphere allowing formal and informal discussions among members of our community. These meetings are thus a major forum for exchanging technical and scientific information.

The members can easily suggest improvements for the PT Program. Once they have expressed their wishes, we study the feasibility of the project, set up the final series, and fix the testing schedule.

MEMBER AREA

A practical and functional platform to enter your results, check your reports, download your schedules...





FOOD PT PROGRAMS

PHYSICO-CHEMISTRY, MICROBIOLOGY, SENSORY

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International proficiency testing programs

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PT GRAINS & CEREALS: PHYSICS – CHEMISTRY

PROGRAMS	MATRICES	PARAMETERS	ACCREDITATION	WEIGHT	ROUNDS / YEAR	SAMPLES / ROUND	SCHEDULE
01 – COMMON WHEAT	COMMON WHEAT	PHYSICO-CHEMICAL ANALYSES, ANALYSIS ON GRAINS, FLOUR, MILLING TEST	ACCREDITED*	1700 G	10	1	DOWNLOAD
05 – COMMON WHEAT: VARIETAL IDENTIFICATION	COMMON WHEAT	IDENTIFICATION OF VARIETIES		1000 G	6	1	DOWNLOAD
06 – DURUM WHEAT	DURUM WHEAT	PHYSICO-CHEMICAL ANALYSES SIEVE CONTROL, IMPURITIES DETERMINATION, MITADINE	ACCREDITED*	100 - 1200 G	10	1 OR 2	DOWNLOAD
08 – IMPURITIES DETERMINATION	GRAINS	ANALYSIS ACCORDING THE ADDENDUM I, II, V SIEVE CONTROL		100 G TO 500 G	10	2 OR 4	DOWNLOAD
09 – MOISTURE DETERMINATION	GRAINS, FLOUR	MOISTURE CONTENT	ACCREDITED*	600 G	10	4	DOWNLOAD
10 – OILSEEDS	GRAINS	PHYSICO-CHEMICAL ANALYSES FATTY ACID COMPOSITION	ACCREDITED*	600 G TO 1200 G	10	2 OR 3	DOWNLOAD
10A – SOYA	SOYA	PHYSICO-CHEMICAL ANALYSES FATTY ACID COMPOSITION	ACCREDITED*	1200 G	5	1	DOWNLOAD
11 – BREWING BARLEY: PHYSICO-CHEMICAL ANALYSES AND GERMINATION TEST	BARLEY	PHYSICO-CHEMICAL ANALYSES SIEVE CONTROL GERMINATION TEST, INFRARED ANALYSES		100 G TO 900 G	10	2 OR 3	DOWNLOAD
12 – FOOD PULSES	GRAINS	ANALYSES ACCORDING THE ADDENDUM N°VII		500 G TO 1250 G	10	1	DOWNLOAD
23 – BREWING BARLEY: SPECIFIC AND VARIETAL PURITY	BARLEY	SPECIFIC AND VARIETAL PURITY		200 G	10	1	DOWNLOAD
69 – WHEAT: FRENCH BREAD MAKING TEST	COMMON WHEAT	MILLING TEST BREAD MAKING, CHARACTERISTICS OF THE DOUGH, NOTATION, SENSORY ANALYSIS	ACCREDITED*	4000 G	3	1	DOWNLOAD

* To know the matrices and parameters covered by accreditation, please see the detailed scope of accreditation, available [here](#)

PT MILLING: PHYSICS – CHEMISTRY - MICROBIOLOGY

PROGRAMS	MATRICES	PARAMETERS	ACCREDITATION	WEIGHT	ROUNDS / YEAR	SAMPLES / ROUND	SCHEDULE
02 – FLOUR: PHYSICO-CHEMICAL ANALYSES AND ALVEOGRAPH	FLOURS	PHYSICO-CHEMICAL ANALYSES, ALVEOGRAPH	ACCREDITED*	750 G	10	1	DOWNLOAD
03 – FLOUR: FRENCH BREAD MAKING TEST	FLOURS	PHYSICO-CHEMICAL ANALYSES OF FLOUR FRENCH BREAD MAKING TEST CRITERIA, ANALYSES OF THE DOUGH AND THE BREAD	ACCREDITED	1050 G	5	2	DOWNLOAD
07 – SEMOLINA	SEMOLINA	PHYSICO-CHEMICAL ANALYSES	ACCREDITED*	400 G	10	1	DOWNLOAD
16 – FILTH TEST	FLOURS, SEMOLINA	RODENTS, INSECTS, ACARINAS, FRAGMENTS...	ACCREDITED*	300G TO 600 G	5	1 TO 2	DOWNLOAD
25 – FLOUR: FARINOGRAPH	FLOURS	PHYSICO-CHEMICAL ANALYSES FARINOGRAPH / MIXOLAB	ACCREDITED*	1250 G	10	1	DOWNLOAD
41 – FLOUR: RHEOFERMENTOMETER	FLOURS	RHEOLOGY	ACCREDITED*	11G AND 1000 G	10	2	DOWNLOAD
47 – FLOUR: FRENCH TRADITION BREAD	FLOURS	PHYSICO-CHEMICAL ANALYSES OF FLOUR DOUGH, BREAD AND CRUMB CHARACTERISTICS	ACCREDITED	1050 G	4	2	DOWNLOAD
72 – FLOUR: MIXOLAB STANDARD PROTOCOL	FLOURS	STANDARD PROTOCOL PARAMETERS	ACCREDITED*	250 G	10	1	DOWNLOAD
56 – MICROBIOLOGY IN FLOURS	FLOURS	COAGULASE POSITIVE <i>STAPHYLOCOCCI</i> , <i>ESCHERICHIA COLI</i> , MOULDS, SULFITE-REDUCING ANAEROBIC BACTERIA AT 46°C, <i>SALMONELLA</i> , TOTAL GERMS, TOTAL COLIFORMS, YEASTS		250 G	4	1	DOWNLOAD

* To know the matrices and parameters covered by accreditation, please see the detailed scope of accreditation, available [here](#)

PT FOODSTUFF: PHYSICS – CHEMISTRY

PROGRAMS	MATRICES	PARAMETERS	ACCREDITATION	WEIGHT	ROUNDS / YEAR	SAMPLES / ROUND	SCHEDULE
20 – DIETARY PRODUCTS	FOOD	PHYSICO-CHEMICAL ANALYSES: CALORIC VALUE, MINERALS, VITAMINS, FATTY ACIDS	ACCREDITED*	70 G TO 1L	10	1 TO 3	DOWNLOAD
20A – EGG PRODUCTS	EGG PRODUCTS (WHOLE EGG AND EGG YOLK)	PHYSICO-CHEMICAL ANALYSES		250 ML	2	1	DOWNLOAD
20B – MEAT PRODUCTS	MEAT PRODUCTS	PHYSICO-CHEMICAL ANALYSES		250 G	4	1	DOWNLOAD
20C – CEREALS PRODUCTS	CEREAL PRODUCTS	PHYSICO-CHEMICAL ANALYSES	ACCREDITED*	400 G	3	1	DOWNLOAD
20F – DAIRY SUBSTITUTES OF PLANT ORIGIN	DAIRY SUBSTITUTES OF PLANT ORIGIN	PHYSICO-CHEMICAL ANALYSES		400 TO 500 ML	3	1	DOWNLOAD
NEW 20G – FISH AND FISHERY PRODUCTS	FISH	PHYSICO-CHEMICAL ANALYSES		600 G	1	1	DOWNLOAD
21 – FATS AND OILS	FATS, OIL	PHYSICO-CHEMICAL ANALYSES, FATTY ACIDS, STEROLS, TRIGLYCERIDES	ACCREDITED*	250 ML	10	1	DOWNLOAD
21A – OLIVE OIL PHYSICS-CHEMISTRY	OLIVE OIL	PHYSICO-CHEMICAL ANALYSES, FATTY ACIDS, STEROLS, TRIGLYCERIDES	ACCREDITED*	250 ML	3	1	DOWNLOAD
26B – AMINO ACIDS FOR FOOD	VARIOUS FOOD	AMINO ACIDS BY HYDROLYSIS METHOD	ACCREDITED*	300 G	5	1	DOWNLOAD
46 – HONEY	HONEY	PHYSICO-CHEMICAL ANALYSES MICROSCOPIC ANALYSES, IDENTIFICATION TASTING ANALYSES	ACCREDITED*	300 G	5	1 TO 2	DOWNLOAD
46A – ADULTERATED HONEY	HONEY	PHYSICO-CHEMICAL ANALYSES, HONEY AUTHENTICITY	ACCREDITED*	200 G	1	1	DOWNLOAD
75A – MILK AND MILK-BASED PRODUCTS	DIARY FOOD	PHYSICO-CHEMICAL ANALYSES: CALORIC VALUE, MINERALS, VITAMINS, FATTY ACIDS	ACCREDITED*	500 G TO 1L	3	1	DOWNLOAD
75B – OTHER DAIRY FOOD	DIARY FOOD	PHYSICO-CHEMICAL ANALYSES: CALORIC VALUE, MINERALS, VITAMINS, FATTY ACIDS	ACCREDITED*	500 G	4	1	DOWNLOAD

PT FOODSTUFF: GMOs – DNA

PROGRAMS	MATRICES	PARAMETERS	WEIGHT	ROUNDS / YEAR	SAMPLES / ROUND	SCHEDULE
40A – GMOS	CORN, SOYA	QUALITATIVE ANALYSES AND QUANTIFICATION	250 G	3	2	DOWNLOAD
40B – DNA	FINISHED PRODUCTS (BISCUITS, CHIPS...) + MIX SAMPLE FOR DETECTION	QUANTIFICATION FOR FINISHED PRODUCTS CROSS CONTAMINATION FOR GRAINS	250 G TO 500 G	3	4	DOWNLOAD

* To know the matrices and parameters covered by accreditation, please see the detailed scope of accreditation, available [here](#)

PT FOODSTUFF: TASTE

PROGRAMS	MATRICES	PARAMETERS	ACCREDITATION	WEIGHT	ROUNDS / YEAR	SAMPLES / ROUND	SCHEDULE
21B – OLIVE OIL TASTING ANALYSES	OLIVE OIL	TASTING ANALYSES	ACCREDITED*	500 ML	3	1	DOWNLOAD
46 – HONEY	HONEY	TASTING ANALYSES	ACCREDITED*	60 TO 300 G	5	1 TO 2	DOWNLOAD

PT FOODSTUFF: PESTICIDES

PROGRAMS	MATRICES	PARAMETERS	ACCREDITATION	WEIGHT	ROUNDS / YEAR	SAMPLES / ROUND	SCHEDULE
19A – PESTICIDES: FRUITS AND CITRUS FRUITS	FRUITS	PESTICIDES	ACCREDITED*	300 G	6	1	DOWNLOAD
19B – PESTICIDES: CEREALS	CEREALS	PESTICIDES	ACCREDITED*	300 G	4	1	DOWNLOAD
19C – PESTICIDES: VEGETABLES	VEGETABLES	PESTICIDES	ACCREDITED*	300 G	4	1	DOWNLOAD
19D – PESTICIDES: FATS AND OILS	FATS AND OILS	PESTICIDES	ACCREDITED*	100 ML / 200 G	4	1	DOWNLOAD
19E – PESTICIDES: VEGETABLES	VEGETABLES	BROMIDES, NITRATES	ACCREDITED*	110 G	3	1	DOWNLOAD
19G – PESTICIDES: HONEY	HONEY	PESTICIDES	ACCREDITED*	150 G	4	1	DOWNLOAD
19H – PESTICIDES: FRUITS / VEGETABLES	FRUITS / VEGETABLES	DITHIOCARBAMATES	ACCREDITED*	130 G	3	1	DOWNLOAD
19J – PESTICIDES: DAIRY FOOD	DAIRY FOOD	PESTICIDES	ACCREDITED*	150 G	2	1	DOWNLOAD
19K – PESTICIDES – MEDICINAL AND AROMATIC PLANTS	AROMATIC PLANTS	PESTICIDES	ACCREDITED*	250 G	2	1	DOWNLOAD
19L – PESTICIDES – DRIED FRUITS AND NUTS	DRIED FRUITS	PESTICIDES	ACCREDITED*	250 G	2	1	DOWNLOAD
19M – PESTICIDES IN EGG	EGG POWDER	PESTICIDES	ACCREDITED*	250 G	1	1	DOWNLOAD
19N – PESTICIDES IN SEA PRODUCTS	SEA PRODUCTS	PESTICIDES	ACCREDITED*	100 G	2	1	DOWNLOAD
66ABC – MULTI-RESIDUE SCREENING OF PESTICIDES	FRUITS, CEREALS, VEGETABLES	PESTICIDES	ACCREDITED*	250 G	3	1	DOWNLOAD
66I – MULTI-RESIDUE SCREENING OF PESTICIDES	ESSENTIAL OILS	PESTICIDES	ACCREDITED*	30 ML TO 250 G	4	1	DOWNLOAD

* To know the matrices and parameters covered by accreditation, please see the detailed scope of accreditation, available [here](#)

PT FOODSTUFF: MYCOTOXINS

PROGRAMS	MATRICES	PARAMETERS	ACCREDITATION	WEIGHT	ROUNDS / YEAR	SAMPLES / ROUND	SCHEDULE
31A – MYCOTOXINS: DRIED FRUITS AND SPICES	DRIED FRUITS, SPICES AND OTHER FOOD MATRIX	AFLATOXINS, OCHRATOXIN A	ACCREDITED*	200 G	5	1	DOWNLOAD
31B – MYCOTOXINS: CEREALS	CEREALS	AFLATOXINS, OCHRATOXIN A, FUMOSINES, OTHER PARAMETERS	ACCREDITED*	300 G	5	1	DOWNLOAD
31C – MYCOTOXINS: BABY FOOD	BABY FOOD	AFLATOXINS, OCHRATOXIN A, FUMOSINES, OTHER PARAMETERS	ACCREDITED*	300 G	2	1	DOWNLOAD
31D – MYCOTOXINS: MILK	MILK	M1 AFLATOXIN	ACCREDITED*	200 ML OR 250 G	2	1	DOWNLOAD
31E – MYCOTOXINS – FEED	FEED	AFLATOXINS, OCHRATOXIN A, FUMOSINES, OTHER PARAMETERS	ACCREDITED*	250 ML OR 300 G	2	1	DOWNLOAD
99 – ERGOT AND DATURA ALKALOIDS	CEREALES	ALKALOIDS		200 G	3	1	DOWNLOAD

PT FOODSTUFF: HEAVY METALS

PROGRAMS	MATRICES	PARAMETERS	ACCREDITATION	WEIGHT	ROUNDS / YEAR	SAMPLES / ROUND	SCHEDULE
32A – TRACE ELEMENTS: PLANTS	PLANTS	ARSENIC, CADMIUM, CHROMIUM, COBALT, FLUORINE, IODINE, MANGANESE, MERCURY, MOLYBDENUM, NICKEL, LEAD, SELENIUM, TIN, TITANE, DRY MATTER	ACCREDITED*	200 G	4	1	DOWNLOAD
32B – TRACE ELEMENTS: SEAFOOD	SEAFOOD		ACCREDITED*		4	1	DOWNLOAD
32C – TRACE ELEMENTS IN FEED	FEED		ACCREDITED*		4	1	DOWNLOAD
32D – TRACE ELEMENTS: FOOD	FOOD		ACCREDITED*		2	1	DOWNLOAD
32E – TRACE ELEMENTS: DAIRY FOOD	DAIRY FOOD		ACCREDITED*		2	1	DOWNLOAD
32F – TRACE ELEMENTS: MEDICINAL AND AROMATIC PLANTS	AROMATIC PLANTS		ACCREDITED*		2	1	DOWNLOAD
32G – TRACE ELEMENTS: FRUITS JUICE	FRUIT JUICE		ACCREDITED*		2	1	DOWNLOAD

* To know the matrices and parameters covered by accreditation, please see the detailed scope of accreditation, available [here](#)

PT FOODSTUFF: ALLERGENS

PROGRAMS	MATRICES	PARAMETERS	ACCREDITATION	WEIGHT	ROUNDS / YEAR	SAMPLES / ROUND	SCHEDULE
77A – ALLERGENS: GLUTEN	VARIOUS FOOD: FLOUR, CAKE, DIETARY FOOD, FISH, DRIED FRUITS, NUTS, MEAT ETC.	GLUTEN	ACCREDITED*	150 G	2	3	DOWNLOAD
77B – ALLERGENS: EGG		EGG	ACCREDITED*	80 G	2	3	DOWNLOAD
77C – ALLERGENS: MILK		MILK	ACCREDITED*	150 G	2	3	DOWNLOAD
77D – ALLERGENS: EGG, MILK		EGG, MILK	ACCREDITED*	250 ML	2	3	DOWNLOAD
77E – ALLERGENS: HISTAMINE		HISTAMINE	ACCREDITED*	100 G	2	3	DOWNLOAD
77F – ALLERGENS: SULFITES		SULFITES	ACCREDITED*	150 G	3	3	DOWNLOAD
77G – ALLERGENS: NUTS		NUTS	ACCREDITED*	50 G	2	3	DOWNLOAD
77H – ALLERGENS: SOYA		SOYA	ACCREDITED*	100 G TO 200 G	2	3	DOWNLOAD

PT VETERINARY DRUGS

PROGRAMS	MATRICES	PARAMETERS	ACCREDITATION	WEIGHT	ROUNDS / YEAR	SAMPLES / ROUND	SCHEDULE
88A – VETERINARY DRUGS - FISH	FISH	CHLORAMPHENICOL AND NITROFURANES		100 G	2	1	DOWNLOAD
88B – VETERINARY DRUGS - MEAT	MEAT	CHLORAMPHENICOL, NITROFURANES, TETRACYCLINES, AMINOSIDES, SULFAMIDES		110 G	2	1	DOWNLOAD
88C – VETERINARY DRUGS - HONEY	HONEY	CHLORAMPHENICOL, NITROFURANES, QUINOLONES & FLUOROQUINOLONES		100 G	2	1	DOWNLOAD
107 – VETERINARY DRUGS - FEED	FEED	ANTIBIOTIQUES AND COCCIDIOSTATIQUES		250 G	1	1	DOWNLOAD

PT FOODSTUFF: OTHER CONTAMINANTS (Patulin, PCB, Dioxins, PAH, Melamine...)

PROGRAMS	MATRICES	PARAMETERS	ACCREDITATION	WEIGHT	ROUNDS / YEAR	SAMPLES / ROUND	SCHEDULE
28 – PATULIN DETERMINATION	COMPOTE, APPLE...	PATULIN	ACCREDITED*	200 G	3	1	DOWNLOAD
44A – PCB / DIOXINS	FOOD	PCB, DIOXINS	ACCREDITED*	100 ML TO 250 G	5	2	DOWNLOAD
44B – PAH	FOOD	PAH	ACCREDITED*	100 ML TO 250 G	5	1	DOWNLOAD
74 – MELAMINE	MILK	MELAMINE, CYANURIC ACID	ACCREDITED*	150 G	2	1	DOWNLOAD
76 – CONTAMINANTS IN DAIRY FOOD	DAIRY FOOD	PESTICIDES, HEAVY METALS, MYCOTOXINS, PCB / PAH, MELAMINE	ACCREDITED*	150 G TO 250 G	9	1 TO 2	DOWNLOAD
94 – ACRYLAMID IN FOODSTUFF	FOOD	ACRYLAMID		200 G	2	2	DOWNLOAD
95 – PROHIBITED COLOR ADDITIVE	FOOD	SUDAN ORANGE G, SUDAN I, SUDAN IV, RHODAMINE B		100 G	2	1	DOWNLOAD

* To know the matrices and parameters covered by accreditation, please see the detailed scope of accreditation, available [here](#)

PT FOODSTUFF: MICROBIOLOGY – VIROLOGY

PROGRAMS	MATRICES	PARAMETERS	ACCREDITATION	WEIGHT	ROUNDS / YEAR	SAMPLES / ROUND	SCHEDULE
51A – FOOD MICROBIOLOGY: E.COLI	MEAT	<i>E.COLI</i> (PRESENCE / ABSENCE)	ACCREDITED*	25 G	3	3	DOWNLOAD
51B – FOOD MICROBIOLOGY: MULTIPLE PARAMETERS ENUMERATION	MEAT	ENUMERATION OF <i>BACILLUS CEREUS</i> , <i>CLOSTRIDIUM PERFRINGENS</i> , COLIFORMS, <i>ENTEROBACTERIA</i> , <i>ESCHERICHIA COLI</i> , <i>LISTERIA MONOCYTOGENES</i> , FLORA, <i>STAPHYLOCOCCUS AUREUS</i> , <i>PSEUDOMONAS SPP</i> , SULFITO-REDUCING ANAEROBE BACTERIA SPORES	ACCREDITED*	25 G	3	1	DOWNLOAD
51C – FOOD MICROBIOLOGY: SALMONELLA	MEAT	<i>SALMONELLA</i> (PRESENCE / ABSENCE)	ACCREDITED*	25 G	3	3	DOWNLOAD
51D – FOOD MICROBIOLOGY: LISTERIA	MEAT	<i>LISTERIA</i> (PRESENCE / ABSENCE)	ACCREDITED*	25 G	3	3	DOWNLOAD
51E – FOOD MICROBIOLOGY: YEASTS / MOULDS	MEAT	ENUMERATION OF YEASTS AND MOULDS	ACCREDITED*	25 G	2	1	DOWNLOAD
51H – FOOD MICROBIOLOGY: LISTERIA	SEAFOOD	ENUMERATION OF <i>LISTERIA</i>	ACCREDITED*	25 G	2	1	DOWNLOAD
51I – FOOD MICROBIOLOGY: CAMPYLOBACTER	POULTRY MEAL	CAMPYLOBACTER	ACCREDITED*	10 G – 25 G	2	4	DOWNLOAD
51J – FOOD MICROBIOLOGY: CRONOBACTER	MILK POWDER	CRONOBACTER (PRESENCE / ABSENCE)		30 G	2	3	DOWNLOAD
51K – FOOD MICROBIOLOGY: FRUITS COMPOTE	FRUITS COMPOTE	ENUMERATION AND PRESENCE / ABSENCE: <i>ALICYCLOBACILLUS</i> , FLORA, YEASTS, MOULDS		30 G	2	4	DOWNLOAD
51L – FOOD MICROBIOLOGY: MILK – MULTIPLE PARAMETERS ENUMERATION	MILK	ENUMERATION: TVC AT 30°C, THERMOTOLERANT COLIFORMS, COLIFORMS AT 30°C, <i>ENTEROBACTERIA</i> , <i>ESCHERICHIA COLI</i> , <i>BACILLUS CEREUS</i> , <i>CLOSTRIDIUM PERFRINGENS</i> , <i>LISTERIA MONOCYTOGENES</i> , <i>STAPHYLOCOCCUS AUREUS</i> , <i>PSEUDOMONAS SPP</i> , SULFITO-REDUCING ANAEROBE BACTERIA SPORES		50 ML	2	1	DOWNLOAD
56 – FLOUR MICROBIOLOGY: MULTIPLE PARAMETERS ENUMERATION	FLOURS	ENUMERATION: COAGULASE POSITIVE <i>STAPHYLOCOCCI</i> , <i>ESCHERICHIA COLI</i> , MOULDS, SULFITE-REDUCING ANAEROBIC BACTERIA AT 46°C, <i>SALMONELLA</i> , TOTAL GERMS, TOTAL COLIFORMS, YEASTS		250 G	4	1	DOWNLOAD
83A – FOOD VIROLOGY – FRUITS	STRAWBERRIES	GI NOROVIRUS, GII NOROVIRUS, HEPATITIS A VIRUS	ACCREDITED*	25 G	1	4	DOWNLOAD
83C – FOOD VIROLOGY – VEGETABLES	SALAD	GI NOROVIRUS, GII NOROVIRUS, HEPATITIS A VIRUS		25 G	1	4	DOWNLOAD
101A – MICROBIOLOGICAL TESTING OF SURFACES – STAINLESS STEEL PLATES	CONTACT-PLATE, SWAB	TOTAL VIABLE COUNT			2	2	DOWNLOAD
101B – MICROBIOLOGICAL TESTING OF SURFACES – WIPES LISTERIA	WIPES	DETECTION OF <i>LISTERIA MONOCYTOGENES</i> AND <i>LISTERIA SPP</i>			2	3	DOWNLOAD
101C – MICROBIOLOGICAL TESTING OF SURFACES – WIPES SALMONELLA	WIPES	DETECTION OF <i>SALMONELLA SPP</i>			2	3	DOWNLOAD
NEW 101D – MICROBIOLOGICAL TESTING OF SURFACES – STAINLESS STEEL PLATES LISTERIA	CONTACT-PLATE, SWAB	SAMPLING AND DETECTION OF <i>LISTERIA SPP</i> AND OF <i>LISTERIA MONOCYTOGENES</i>			1	1	DOWNLOAD
102 – SEROTYPING OF SALMONELLA SPP	AGAR COLONIES	SEROVAR'S LIST			2	6	DOWNLOAD
111 – STAPHYLOCOCCAL ENTEROTOXINS IN FOOD	LIQUID MILK	STAPHYLOCOCCAL ENTEROTOXINS IN FOOD SEA TO SEE (DETECTION)		30 ML	2	3	DOWNLOAD

* To know the matrices and parameters covered by accreditation, please see the detailed scope of accreditation, available [here](#)

International proficiency testing programs

PT DRINKS: PHYSICS – CHEMISTRY

PROGRAMS	MATRICES	PARAMETERS	ACCREDITATION	WEIGHT	ROUNDS / YEAR	SAMPLES / ROUND	SCHEDULE
17 – WINES	DIFFERENT TYPE OF WINES (SPARKLING, AROMATIZED, LIQUOR, SWEET), FLAVOURED WINE	PHYSICAL ANALYSIS, INORGANIC COMPOUNDS, VOLATILS COMPOUNDS, NUTRITIONAL VALUES, PRESERVATIVES	ACCREDITED*	60 ML TO 750 ML	10	1 TO 3	DOWNLOAD
17A – GRAPE MUST	GRAPE JUICE, RECTIFIED MUST	PHYSICAL ANALYSIS, INORGANIC COMPOUNDS, VOLATILS COMPOUNDS, PRESERVATIVES	ACCREDITED*	250 ML TO 1000 ML	2	2	DOWNLOAD
17C – DEALCOHOLIZED WINES	DEALCOHOLIZED WINE	PHYSICAL ANALYSIS, INORGANIC COMPOUNDS, VOLATILS COMPOUNDS, ORGANIC ACIDS, PRESERVATIVES, OTHER COMPOUNDS		750 ML	1	1	DOWNLOAD
18 – SPIRITS	LIQUORS, SPIRITS, ALCOHOLS	PHYSICAL ANALYSIS, INORGANIC COMPOUNDS, VOLATILS COMPOUNDS, FLAVOURINGS	ACCREDITED*	750 ML TO 1000 ML	10	1	DOWNLOAD
18A – DISTILLATE	DISTILLATE	PHYSICAL ANALYSIS, VOLATILE COMPOUNDS	ACCREDITED*	500 ML	1	1	DOWNLOAD
18B – ANISEED COMPOUNDS IN SPIRITS	ANISEED SPIRITS DRINKS	ANETHOL, CIS-ANETHOL, TRANS-ANETHOL, ANISALDEHYDE, ANISOLE, ESTRAGOLE, GLYCYRRHIZIC ACID, THUJONES	ACCREDITED*	250 ML	4	1	DOWNLOAD
27 – FRUIT JUICES AND OTHER SOFT DRINKS	JUICE, NECTAR, SODAS, SMOOTHIE, ENERGY DRINKS	PHYSICO-CHEMICAL ANALYSES, HIGHER ALCOHOLS, INORGANIC COMPOUNDS	ACCREDITED*	250 ML TO 1000 ML	10	1 TO 2	DOWNLOAD
36A – AROMATIZED CIDERS	AROMATIZED CIDERS	PHYSICO-CHEMICAL ANALYSES, HIGHER ALCOHOLS, INORGANIC COMPOUNDS	ACCREDITED*	1500 ML TO 2000 ML	4	2	DOWNLOAD
36B – FRENCH CIDERS PERRY & POMMEAU	FRENCH CIDERS, PERRY / POMMEAU	PHYSICO-CHEMICAL ANALYSES, HIGHER ALCOHOLS, INORGANIC COMPOUNDS	ACCREDITED*	150 ML TO 2000 ML	7	1 TO 2	DOWNLOAD
39 – PORT WINES	PORT WINES, PINEAU, MARSALA, XERES	PHYSICO-CHEMICAL ANALYSES, HIGHER ALCOHOLS, INORGANIC COMPOUNDS	ACCREDITED*	750 ML	6	1 TO 2	DOWNLOAD
58 – ALCOHOLS	CRUDE ALCOHOL, NEUTRAL ALCOHOL	PHYSICO-CHEMICAL ANALYSES, HIGHER ALCOHOLS, INORGANIC COMPOUNDS, DENATURANTS	ACCREDITED*	250 ML TO 1000 ML	10	3 TO 4	DOWNLOAD
58A – DEHYDRATED ALCOHOLS	DEHYDRATED ALCOHOL	PHYSICO-CHEMICAL ANALYSES, HIGHER ALCOHOLS, INORGANIC COMPOUNDS	ACCREDITED*		8	1 TO 2	DOWNLOAD
65 – COMPOUNDS EXTRACTED FROM WOOD	SPIRITS	AROMATIC COMPOUND	ACCREDITED*	150 ML	3	1	DOWNLOAD
73 – VINEGAR	VINEGAR	PHYSICO-CHEMICAL ANALYSES, HIGHER ALCOHOLS, INORGANIC COMPOUNDS	ACCREDITED*	750 ML	6	1	DOWNLOAD
81 – COMPOUNDS EXTRACTED FROM WOOD IN WINES	WINES	GALLIC ACID, HMF, FURFURAL, 5-METHYLFURFURAL, VANILLIC ACID, SYRINGIC ACID, VANILLIN, SCOPOLETIN, SYRINGIC ALDEHYDE, CONIFERALDEHYDE, SINAPALDEHYDE, ELLAGIC ACID	ACCREDITED*	150 ML	2	1	DOWNLOAD
100 – BEER	DARK BEER, ALCOHOL FREE BEER, LAGER BEER	PHYSICAL ANALYSES, SUGARS, ORGANIC ACIDS, ALCOHOLS, OTHER ORGANIC COMPOUNDS, CATIONS, SULFUR DIOXIDE, CARBON DIOXIDE, OVERPRESSURE		750 ML	4	6	DOWNLOAD

* To know the matrices and parameters covered by accreditation, please see the detailed scope of accreditation, available [here](#)

PT DRINKS: SENSORY

PROGRAMS	MATRICES	PARAMETERS	ACCREDITATION	WEIGHT	ROUNDS / YEAR	SAMPLES / ROUND	SCHEDULE
89 – SENSORY ANALYSES: WINES SENSORY DEFECTS	RED WINE, WHITE WINE	WINES SENSORY DEFECTS		1 L	2	2	DOWNLOAD

PT DRINKS: CONTAMINANTS

PROGRAMS	MATRICES	PARAMETERS	ACCREDITATION	WEIGHT	ROUNDS / YEAR	SAMPLES / ROUND	SCHEDULE
19F – PESTICIDES: WINES	WINES	PESTICIDES	ACCREDITED*	250 ML	4	1	DOWNLOAD
32G – TRACE ELEMENTS IN FRUITS JUICE	FRUITS JUICE	DRY MATTER, ARSENIC, CADMIUM, CHROMIUM, COBALT, COPPER, TIN, FLUORINE, IODINE, MERCURY, MANGANESE, MOLYBDENUM, NICKEL, LEAD, SELENIUM, TITANIUM		200G	2	1	DOWNLOAD
55 – CONTAMINANTS IN WINES	WINES	OCHRATOXINE A, PHTHALATES, AMINES, ACIDS, OTHER ORGANIC COMPOUNDS, INORGANIC COMPOUNDS	ACCREDITED*	500 ML TO 1000 ML	5	1 TO 2	DOWNLOAD
70 – HALOANISOLES AND HALOPHENOLS IN OAK WOOD	OAK WOOD	HALOANISOLES, HALOPHENOLS	ACCREDITED*	100 G TO 150 G	4	1	DOWNLOAD
71 – ALLERGENS IN WINES	WINES	CASEIN, LYSOZYME, OVALBUMIN, EGG PROTEINS, BETA-LACTOGLOBULINE, GLUTEN	ACCREDITED*	250 ML	3	5	DOWNLOAD
80 – CONTAMINANTS IN SPIRITS	SPIRITS	PHTHALATES, ETHYLE CARBAMATE, COPPER, TIN, OTHER CONTAMINANTS	ACCREDITED*	150 ML	3	1	DOWNLOAD
108 – CONTAMINANTS IN BEER	SPIKED BEER	COPPER, IRON, ZINC, ALUMINUM, LEAD, MAGNESIUM, POTASSIUM, CALCIUM, ARSENIC, SELENIUM, TIN, MERCURY, CADMIUM, NITROSAMINES (NDMA)		250 ML	2	1	DOWNLOAD
NEW 112 – HAHP IN CORKS MACERATE	SPIKED CORK MACERATE IN A MODEL WINE SOLUTION	HALOANISOLES, HALOPHENOLS		200 ML	1	1	DOWNLOAD

PT DRINKS: MICROBIOLOGY

PROGRAMS	MATRICES	PARAMETERS	ACCREDITATION	WEIGHT	ROUNDS / YEAR	SAMPLES / ROUND	SCHEDULE
51F – MICROBIOLOGY IN FRUIT JUICES	FRUIT JUICE	ENUMERATION OF YEASTS, MOULDS AND MESOPHILE FLORA AT 30°C DETECTION AND/OR ENUMERATION OF ALICYCLOBACILLUS	ACCREDITED*	30 ML	2	1	DOWNLOAD
79 – MICROBIOLOGY IN WINES	WINES	YEASTS (BRETTANOMYCES), ACETIC AND LACTIC BACTERIA, YEASTS AND MOULDS	ACCREDITED*	100 ML	3	4	DOWNLOAD

* To know the matrices and parameters covered by accreditation, please see the detailed scope of accreditation, available [here](#)

International proficiency testing programs



FEED PT PROGRAMS

PHYSICO-CHEMISTRY, MICROBIOLOGY

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PT FEED: CONTAMINANTS – DRUGS - MICROBIOLOGY -----21

PT FEED: PHYSICAL – CHEMISTRY

PROGRAMS	MATRICES	PARAMETERS	ACCREDITATION	WEIGHT	ROUNDS / YEAR	SAMPLES / ROUND	SCHEDULE
13 – FEED	FEED (RAW MATERIALS AND FINISHED PRODUCTS)	PHYSICO-CHEMICAL ANALYSES NUTRITIONAL VALUE, MINERALS, AMINO ACID COMPOSITION, VITAMINS, PIGMENTS, MICROSCOPIC ANALYSES, FATTY ACID COMPOSITION, DRUG RESIDUES, OTHER PARAMETERS...	ACCREDITED*	350 G TO 750 G	10	2 TO 3	DOWNLOAD
14 – FORAGES	FORAGES	PHYSICO-CHEMICAL ANALYSES PARIETAL COMPONENTS, MINERALS, DIGESTIBILITY, ENERGETIC VALUE FORECAST, NITROGENOUS VALUE	ACCREDITED*	300 G	10	1	DOWNLOAD
22 – SILAGES	SILAGES	PHYSICO-CHEMICAL ANALYSES PARIETAL COMPONENTS, ALCOHOLS, VOLATIL FATTY ACIDS, DIGESTIBILITY, OTHER PARAMETERS...		1500 G	4	1	DOWNLOAD
26A – AMINO ACIDS: FEED	FEED (RAW MATERIALS AND FINISHED PRODUCTS)	AMINO ACIDS BY HYDROLYSIS METHOD, FREE AMINO ACIDS	ACCREDITED*	300 G	5	1 TO 2	DOWNLOAD
42 – PREMIX	PREMIX	PHYSICO-CHEMICAL ANALYSES, MINERALS, VITAMINS, METALS, OTHER PARAMETERS...	ACCREDITED*	350 G	10	1 TO 2	DOWNLOAD
67 – PETFOOD	FEED – DOG AND CAT (RAW MATERIALS AND FINISHED PRODUCTS)	PHYSICO-CHEMICAL ANALYSES AMINO ACIDS, ANTIOXIDANTS, BIOGENIC AMINES, MYCOTOXINS, VITAMINS, MINERALS, METALS, CONTAMINANTS, FATTY ACIDS, TRACE ELEMENTS, OTHER PARAMETERS...	ACCREDITED*	100 G TO 700 G	10	2 TO 4	DOWNLOAD
67A – PETFOOD			ACCREDITED*		5	3 TO 4	DOWNLOAD

PT FEED: CONTAMINANTS – DRUGS - MICROBIOLOGY

PROGRAMS	MATRICES	PARAMETERS	ACCREDITATION	WEIGHT	ROUNDS / YEAR	SAMPLES / ROUND	SCHEDULE
31B – MYCOTOXINS: CEREALS	CEREALS	AFLATOXINS, OCHRATOXIN A, FUMOSINES, OTHER PARAMETERS	ACCREDITED*	200 G	5	1	DOWNLOAD
31E – MYCOTOXINS: FEED	FEED	AFLATOXINS, OCHRATOXIN A, FUMOSINES, OTHER PARAMETERS	ACCREDITED*	300 G	2	1	DOWNLOAD
32C – TRACE ELEMENTS FEED	FEED	HEAVY METALS	ACCREDITED*	200 G	4	1	DOWNLOAD
88A – VETERINARY DRUGS	FISH	CHLORAMPHENICOL, AOZ, AMOZ, AMINOHYDANTOIN HYDROCHLORIDE (AHD), SEMICARBAZIDE HYDROCHLORIDE (SEM)		100 G	2	1	DOWNLOAD
105A – MICROBIOLOGY IN FEED – SALMONELLA SPP	FEED	SALMONELLA SPP DETECTION		25 G	2	3	DOWNLOAD
NEW 105B – MICROBIOLOGY IN FEED: LISTERIA DETECTION	FEED	LISTERIA SPP AND LISTERIA MONOCYTOGENES		25 G	2	3	DOWNLOAD
107 – VETERINARY DRUGS IN FEED	ANIMAL FEED	ANTIBIOTICS AND COCCIDIOSTATS		250 G	1	1	DOWNLOAD

* To know the matrices and parameters covered by accreditation, please see the detailed scope of accreditation, available [here](#)



ENVIRONMENT PT PROGRAMS

PHYSICO-CHEMISTRY, MICROBIOLOGY, SENSORY

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PT WATER: PHYSICS – CHEMISTRY - SAMPLING

PROGRAMS	MATRICES	PARAMETERS	ACCREDITATION	WEIGHT	ROUNDS / YEAR	SAMPLES / ROUND	SCHEDULE
34 – FRESH WATERS – PHYSICO-CHEMICAL ANALYSES	DRINKING WATER, SURFACE WATER, GROUNDWATER	PHYSICO-CHEMICAL ANALYSES, MINERALS AND TRACE COMPOUNDS	ACCREDITED*	125 ML TO 3000 ML	6	5 TO 6	DOWNLOAD
34A – BATHING WATERS – PHYSICO-CHEMICAL ANALYSES	BATHING WATER (SWIMMING-POOL)	ISOCYANURIC ACID, TOTAL ORGANIC CARBON, CHLORIDES, OXYDABILITY WITH KMNO ₄ IN AN ACIDIC SOLUTION, OXYDABILITY IN AN ALKALIN SOLUTION, TURBIDITY	ACCREDITED*	1000 ML	3	2	DOWNLOAD
34B – FRESH WATERS – BASIC PHYSICO-CHEMICAL ANALYSES	DRINKING WATER, SURFACE WATER, GROUNDWATER	PHYSICO-CHEMICAL ANALYSES	ACCREDITED*	125 ML TO 3000 ML	4	1 TO 4	DOWNLOAD
34C – FRESH WATERS – CHLOROPHYLL A, PHEOPIGMENT INDEX	DRINKING WATER, SURFACE WATER, GROUNDWATER	CHLOROPHYLL A, PHEOPIGMENT INDEX	ACCREDITED*	1000 ML	3	1	DOWNLOAD
34D – CARBO-GASEOUS PACKAGED WATER	CARBO-GASEOUS WATER	PHYSICO-CHEMICAL ANALYSES, HEAVY METALS	ACCREDITED*	1000 ML	2	1	DOWNLOAD
34E – HIGHLY MINERALIZED PACKAGED WATER	HIGHLY MINERALIZED PACKAGED WATER WITH A DRY RESIDUE	PHYSICO-CHEMICAL ANALYSES, HEAVY METALS	ACCREDITED*	1000 ML	2	1	DOWNLOAD
37A – BATHING WATERS – THM	BATHING WATER (SWIMMING-POOL)	THM	ACCREDITED*	40 ML	3	2	DOWNLOAD
48A – WATERS – AOX	DRINKING WATER, WASTE WATER	AOX	ACCREDITED*	500 ML	6	1	DOWNLOAD
48B – WATERS – HYDROCARBONS	DRINKING WATER, WASTE WATER	HYDROCARBONS	ACCREDITED*	1000 ML	6	1	DOWNLOAD
48C – WATERS – VOLATIL HYDROCARBONS	DRINKING WATER, WASTE WATER	VOLATIL HYDROCARBONS	ACCREDITED*	40 ML	3	1	DOWNLOAD
52 – WASTE WATERS – PHYSICO-CHEMICAL ANALYSES	WASTE WATER (INLET AND OUTLET) AND INDUSTRIAL WASTE WATER	PHYSICO-CHEMICAL ANALYSES MINERAL AND TRACE COMPOUNDS	ACCREDITED*	250 ML TO 1500 ML	6	4 TO 6	DOWNLOAD
52B – WASTE WATERS: BASIC PHYSICO-CHEMICAL ANALYSES	WASTE WATER (INLET AND OUTLET) AND INDUSTRIAL WASTE WATER	PHYSICO-CHEMICAL ANALYSES NATURAL STRUCTURE	ACCREDITED*	1000 ML TO 1500 ML	3	3	DOWNLOAD
57 – WATERS – FIELD ANALYSES BY SAMPLERS	DRINKING WATER, SURFACE WATER, GROUNDWATER, WASTE WATER, INDUSTRIAL WASTE WATER	FIELD ANALYSES CONDUCTIVITY AT 25°C, CHLORINE (FREE, TOTAL, ACTIVE), DISSOLVED OXYGEN, REDOX POTENTIAL, PH, SALINITY, STABILIZING AGENT: ISOCYANURIC ACID, TURBIDITY	ACCREDITED*	10 ML TO 1000 ML	3	4 TO 5	DOWNLOAD

* To know the matrices and parameters covered by accreditation, please see the detailed scope of accreditation, available [here](#)

PT WATER: MICROPOLLUTANTS

PROGRAMS	MATRICES	PARAMETERS	ACCREDITATION	WEIGHT	ROUNDS / YEAR	SAMPLES / YEAR	SCHEDULE
37 – FRESH WATERS – MICROPOLLUTANTS	DRINKING WATER, SURFACE WATER, AND GROUNDWATER.	INSECTICIDES, PCB, PAH, UREAS, TRIAZINES, BTEX, VOLATILS, HERBICIDES, OTHER PARAMETERS	ACCREDITED*	1 ML TO 1000 ML	6	2 TO 4	DOWNLOAD
OTHER CONTAMINANTS	SURFACE WATER	PBDE, ALKYLPHENOLS, BISPHENOL A, ORGANOTINS, CHLOROANILINES, CHLOROACETIC ACID, EPICHLORHYDRIN, POLYCHLORINATED ALKANES, ACRYLAMID, NITROAROMATICS, CHLOROPHENOLS, PERFLUORINATED COMPOUNDS	ACCREDITED*	1000 ML	2	1	DOWNLOAD
37M – FRESH WATERS – MULTI-PESTICIDES	SURFACE WATER	PESTICIDES	ACCREDITED*	2000 ML	3	1	DOWNLOAD
37N – FRESH WATERS – PARABENS	SURFACE WATER	PARABENS	ACCREDITED*	1000 ML	2	1	DOWNLOAD
37O – FRESH WATERS – ESA AND OXA METABOLITES	SURFACE WATER	SULFONIC ACID AND OXANILIC ACID METABOLITES	ACCREDITED*	1000 ML	2	1	DOWNLOAD
53 – WASTE WATER – MICROPOLLUTANTS	WASTE WATER (INLET & OUTLET) AND INDUSTRIAL WASTE WATER	INSECTICIDES, PCB, PAH, UREAS, TRIAZINES, BTEX, VOLATILS, OTHER PARAMETERS	ACCREDITED*	1 ML TO 1000 ML	5	2 TO 3	DOWNLOAD
OTHER CONTAMINANTS	INDUSTRIAL WASTE WATER	PBDE, ALKYLPHENOLS, BISPHENOL A, ORGANOTINS, CHLOROANILINES, CHLOROACETIC ACID, POLYCHLORINATED ALKANES, NITROAROMATICS, CHLOROPHENOLS, PERFLUORINATED COMPOUNDS	ACCREDITED*	1000 ML	2	1	DOWNLOAD
59 – WATERS – MULTIRESIDUES SEARCH OF ORGANIC SUBSTANCES	DRINKING WATER, SURFACE WATER, AND GROUNDWATER.	PESTICIDES	ACCREDITED*	250 ML TO 1000 ML	3	1 TO 2	DOWNLOAD
87 – MICROPOLLUTANTS IN BIOTA	FISH	PAH, PENTACHLOROBENZENE, HEXACHLOROBENZENE, HEPTACHLOR, HEPTACHLOR EPOXIDE, DICOFOL, PBDE 28, PBDE 47, PBDE 99, PBDE 100, PBDE 153, PBDE 154, PBDE 183, PBDE 209, MERCURY	ACCREDITED*	100 G	1	1	DOWNLOAD
90 – DRUGS IN WATER	DEMINEALIZED WATER, SURFACE WATER	DRUGS (70 MOLECULES)	ACCREDITED*	1000 ML	2	2	DOWNLOAD

* To know the matrices and parameters covered by accreditation, please see the detailed scope of accreditation, available [here](#)

PT WATER: MICROBIOLOGY - VIROLOGY

PROGRAMS	MATRICES	PARAMETERS	ACCREDITATION	WEIGHT	ROUNDS / YEAR	SAMPLES / ROUND	SCHEDULE
35 – WATERS – MICROBIOLOGICAL ANALYSES EXCEPT <i>LEGIONELLA</i>	CLEAN WATER	TOTAL COLIFORMS, <i>E. COLI</i> , <i>ENTEROCOCCI</i> , <i>E. COLI</i> BY NPP METHOD, <i>STAPHYLOCOCCI</i> , <i>PSEUDOMONAS AERUGINOSA</i> , CULTURABLE MICRO-ORGANISMS (22°C AND 36°C), SPORES OF SULFITE-REDUCING ANAEROBE BACTERIA (<i>CLOSTRIDIUM</i>)	ACCREDITED*	60 ML TO 1000 ML	4	4	DOWNLOAD
35A – WATERS - E. COLI, COLIFORMS, ENTEROCOCCI, TVC		<i>E. COLI</i> , COLIFORMS, <i>ENTEROCOCCI</i> , TVC	ACCREDITED*	250 ML TO 1000 ML	4	2	DOWNLOAD
35B – WATERS - <i>PSEUDOMONAS AERUGINOSA</i>, <i>STAPHYLOCOCCI</i>		<i>PSEUDOMONAS AERUGINOSA</i> , <i>STAPHYLOCOCCI</i>	ACCREDITED*	500 ML	4	1	DOWNLOAD
35C – WATERS - <i>ENTEROCOCCI</i>, <i>E. COLI</i> BY MPN		<i>ENTEROCOCCI</i> , <i>E. COLI</i> BY MPN	ACCREDITED*	60 ML	4	1	DOWNLOAD
35D – WATERS - YEASTS AND MOULDS		YEASTS AND MOULDS	ACCREDITED*	500 ML	2	2	DOWNLOAD
54 – WATERS – MICROBIOLOGICAL ANALYSES <i>SALMONELLA</i>	CLEAN WATER	<i>SALMONELLA</i> (PRESENCE / ABSENCE)	ACCREDITED*	250 ML	4	3	DOWNLOAD
50 – WATERS – MICROBIOLOGICAL ANALYSES <i>LEGIONELLA</i>		<i>LEGIONELLA</i> , <i>LEGIONELLA PNEUMOPHILA</i> , SEROGROUP	ACCREDITED*	1000 ML	3	1	DOWNLOAD
50A – COOLING TOWER WATERS – MICROBIOLOGICAL ANALYSES <i>LEGIONELLA</i>		<i>LEGIONELLA</i> , <i>LEGIONELLA PNEUMOPHILA</i> , SEROGROUP, TOTAL VIABLE COUNT	ACCREDITED*	1000 ML	3	1	DOWNLOAD
83B – WATER VIROLOGY	WATER	GI NOROVIRUS, GII NOROVIRUS, HEPATITIS A VIRUS		500 ML	1	4	DOWNLOAD

* To know the matrices and parameters covered by accreditation, please see the detailed scope of accreditation, available [here](#)

PT WATER: HOSPITAL HYGIENE

PROGRAMS	MATRICES	PARAMETERS	WEIGHT	ROUNDS / YEAR	SAMPLES / ROUND	SCHEDULE
86A – TECHNICAL WATERS: WATERS UNDER BACTERIOLOGICAL CONTROL	WATERS UNDER BACTERIOLOGICAL CONTROL	ENUMERATION OF REVIVIFIABLE AEROBIC BACTERIA AT 22°C & 36°C AND <i>PSEUDOMONAS AERUGINOSA</i>	320 ML	2	1	DOWNLOAD
86B – TECHNICAL WATERS: MICROBIOLOGY OF DIALYSIS WATERS	DIALYSIS WATER	ENUMERATION OF VIABLE GERMS AT 22°C IN 7 DAYS ON R2A AND <i>PSEUDOMONAS AERUGINOSA</i>	120 ML	2	1	DOWNLOAD
86C – TECHNICAL WATERS: MICROBIOLOGY OF ENDOSCOPE RINSE WATERS	ENDOSCOPE RINSE WATERS	TOTAL REVIVIFIABLE AEROBIC FLORA AT 22°C FOR 5 DAYS	120 ML	2	1	DOWNLOAD

PT WATER: HYDROBIOLOGY

PROGRAMS	MATRICES	PARAMETERS	WEIGHT	ROUNDS / YEAR	SAMPLES / ROUND	SCHEDULE
82 – FRESHWATER MACRO-INVERTEBRATES IDENTIFICATION	FRESH WATER MACROINVERTEBRATES IN SOLUTION	FAUNISTIC INVENTORY WITH DETERMINATION OF THE MACRO-INVERTEBRATES AND ABUNDANCE FOR EACH IDENTIFIED TAXON	50 ML	2	1	DOWNLOAD
82A – FRESHWATER MACROINVERTEBRATES WITH SUBSTRATES	BENTHIC MACROINVERTEBRATES FROM RIVER	FAUNISTIC INVENTORY AND INDEX CALCULATIONS	1 L	1	12	DOWNLOAD
82B – FRESHWATER MACROINVERTEBRATES: PILL BOX AND SUBSTRATES	FRESH WATER MACROINVERTEBRATES IN SOLUTION AND BENTHIC MACROINVERTEBRATES FROM RIVER	FAUNISTIC INVENTORY WITH DETERMINATION OF THE MACRO-INVERTEBRATES AND ABUNDANCE FOR EACH IDENTIFIED TAXON, INDEX CALCULATIONS	50 ML TO 1 L	2	1 TO 12	DOWNLOAD

PT WATER: SENSORY

PROGRAMS	MATRICES	PARAMETERS	WEIGHT	ROUNDS / YEAR	SAMPLES / ROUND	SCHEDULE
57A – WATERS – FIELD ANALYSES: ORGANOLEPTIC QUALITY	DRINKING WATER	QUALITATIVE ANALYSIS OF ODOUR, SAVOUR, COLOUR	1000 ML	3	4	DOWNLOAD
78 – SENSORY ANALYSES ON DRINKING WATER: ODOUR AND FLAVOUR	DRINKING WATER	ODOUR, FLAVOUR	1000 ML	2	2	DOWNLOAD

* To know the matrices and parameters covered by accreditation, please see the detailed scope of accreditation, available [here](#)

PT SOILS – SLUDGES – FERTILIZERS – SEDIMENTS

International proficiency testing programs

PROGRAMS	MATRICES	PARAMETERS	ACCREDITATION	WEIGHT	ROUNDS / YEAR	SAMPLES / ROUND	SCHEDULE
15 – SOILS	SOILS	PHYSICAL, CHEMICAL AND GRANULOMETRICAL ANALYSES, METALS	ACCREDITED*	750 G	10	1	DOWNLOAD
15A – FRESH SOILS	FRESH SOILS	BIOLOGIC ACTIVITY OF THE SOIL		500 G	2	1	DOWNLOAD
24 – MINERAL FERTILIZERS	MINERAL FERTILIZERS	PHYSICAL, CHEMICAL AND GRANULOMETRICAL ANALYSES	ACCREDITED*	500 ML OR 500 G	7	1	DOWNLOAD
NEW 24A – ORGANO-MINERAL FERTILIZERS	ORGANO-MINERAL FERTILIZERS	PHYSICAL, CHEMICAL AND GRANULOMETRICAL ANALYSES, METALS	ACCREDITED*	500 G	1	1	DOWNLOAD
38A – SLUDGES, SEDIMENTS, SOILS – PHYSICO CHEMISTRY	SLUDGES, SEDIMENTS, SOILS	PHYSICAL ANALYSES, METALS AND TRACE ELEMENTS	ACCREDITED*	150 G	5	1	DOWNLOAD
38B – SLUDGES, SEDIMENTS, SOILS – MICROPOLLUTANTS	SLUDGES, SEDIMENTS, SOILS	PCB, PAH, ORGANOPHOSPHORUS, ORGANOCHLORINE INSECTICIDES	ACCREDITED*	125 G TO 150 G	5	1	DOWNLOAD
45 – ORGANIC FERTILIZERS	ORGANIC FERTILIZERS	PHYSICO-CHEMICAL ANALYSES, ORGANIC MATTER STABILITY, INERT ANALYSIS, GRANULOMETRY	ACCREDITED*	5 TO 10 L	5	1	DOWNLOAD
45A – COMPOST – HG, PAH AND PCB	HOUSEHOLD WASTE COMPOST	MERCURY, PAH, PCB	ACCREDITED*	150 G	1	1	DOWNLOAD
91A – FERTILIZERS MICROBIOLOGY: E. COLI, ENTEROCOCCI, CLOSTRIDIUM	NATURAL COMPOST (PLANT ORIGIN)	ENUMERATION : E. COLI, ENTEROCOCCI, CLOSTRIDIUM		10 G	2	1	DOWNLOAD
91B – FERTILIZERS MICROBIOLOGY: SALMONELLA	NATURAL COMPOST (PLANT ORIGIN)	SALMONELLA (PRESENCE / ABSENCE)		25 G	2	3	DOWNLOAD
91C – FERTILIZERS MICROBIOLOGY: LISTERIA	NATURAL COMPOST (PLANT ORIGIN)	LISTERIA (PRESENCE / ABSENCE)		25G	2	3	DOWNLOAD

* To know the matrices and parameters covered by accreditation, please see the detailed scope of accreditation, available [here](#)

PT AIR

PROGRAMS	DETAILS
STACK EMISSION SAMPLING	EVALUATION OF THE TOTAL DUST CONCENTRATION MEASUREMENT METHOD (3 OR 4 DAYS ON-SITE AT VERNEUIL-EN-HALATTE (OISE))
STACK EMISSION ANALYSES	MERCURY IN DICHROMATE MEDIUM MERCURY IN PERMANGANATE MEDIUM, GASEOUS HYDROCHLORIC ACID, GASEOUS HYDROFLUORIC ACID AND PARTICLES, GASEOUS METALS AND PARTICLES, POLYCYCLIC AROMATIC HYDROCARBONS, GASEOUS SULPHUR DIOXIDE, GASEOUS AMMONIA
INDOOR AIR ANALYSES	BENZENE SAMPLED ON DIFFUSIVE SAMPLING TUBES SPIKED BY EXPOSURE TO ATMOSPHERES GENERATED IN EXPOSURE CHAMBER, FORMALDEHYDE SAMPLED ON DIFFUSIVE SAMPLING TUBES SPIKED BY EXPOSURE TO ATMOSPHERES GENERATED IN EXPOSURE CHAMBER
WORKPLACE AIR ANALYSES	METALS (CD, CR, NI, PB) ON QUARTZ FIBRE FILTER, MERCURY ON HYDRAR® TUBE, INORGANIC ACIDS (HF, HBR, HCL, H3PO4 , HNO3 , H2SO4) ON QUARTZ FIBRE FILTER, BTEX (BENZENE, TOLUENE, ETHYL BENZENE, M-XYLENE) ON ACTIVATED CARBON SUPPORT, ALDEHYDES (FORMALDEHYDE, ACETALDEHYDE) ON SILICA TUBES COATED WITH 2,4-DINITROPHENYLHYDRAZINE
AMBIENT AIR ANALYSES	BENZO[A]PYRENE, BENZ[A]ANTHRACENE, BENZO[B]FLUORANTHENE, BENZO[J]FLUORANTHENE, BENZO[K]FLUORANTHENE, DIBENZO[A,H]ANTHRACENE, FLUORANTHENE, INDENO[1,2,3-C,D]PYRENE, PHENANTHRENE, BENZO[G,H,I]PERYLENE) ON FILTER, SOLUTION AND DUST POWDER



COSMETIC AND PHARMA PT PROGRAMS

PHYSICO-CHEMISTRY, MICROBIOLOGY

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International proficiency testing programs

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PT COSMETICS

PROGRAMS	MATRICES	PARAMETERS	ACCREDITATION	WEIGHT	ROUNDS / YEAR	SAMPLES / ROUND	SCHEDULE
60 – SUNSCREEN PRODUCTS: SPF IN VIVO	SUNSCREEN PRODUCTS	SPF, WATER RESISTANCE...		30 G	2	2	DOWNLOAD
63 – SUNSCREEN PRODUCTS: UVA IN VIVO	SUNSCREEN PRODUCTS	UVA IN VIVO		30 G	1	2	DOWNLOAD
64 – SUNSCREEN PRODUCTS: UVA IN VITRO	SUNSCREEN PRODUCTS	UVA IN VITRO		30 G	2	3	DOWNLOAD
84 – PRESERVATIVES IN COSMETICS PRODUCTS	COSMETICS	PHENOXYETHANOL, CHLORPHENESIN, METHYL PARABEN, SORBIC ACID, BENZOIC ACID, SALICYLIC ACID	ACCREDITED*	20 G	2	1	DOWNLOAD
85 – MICROBIOLOGY IN COSMETIC PRODUCTS - ENUMERATION	DERMATOLOGIC CREAM	ENUMERATION OF YEAST, MOULDS AND MESOPHILIC AEROBIC BACTERIA		20 G	2	1	DOWNLOAD
85A – MICROBIOLOGY IN COSMETIC PRODUCTS: DETECTION – E. COLI, STAPHYLOCOCCUS AUREUS, PSEUDOMONAS AERUGINOSA	COSMETICS	<i>E. COLI</i> , <i>STAPHYLOCOCCUS AUREUS</i> , <i>PSEUDOMONAS AERUGINOSA</i> (PRESENCE / ABSENCE)		20 G	1	3	DOWNLOAD
93 – HEAVY METALS IN COSMETICS PRODUCTS	COSMETICS	LEAD, CADMIUM, CHROMIUM, NICKEL, COBALT, MERCURY, ARSENIC, ANTIMONY	ACCREDITED*	20 G	2	1	DOWNLOAD
106 – PHYSICO-CHEMISTRY IN COSMETICS	COSMETICS	PHYSICO-CHEMICAL ANALYSES		30 G	2	1	DOWNLOAD
109 – ALLERGENS IN COSMETICS	COSMETICS	ALLERGENS		30 ML	2	1	DOWNLOAD

PT FLAVOURS – FRAGRANCES – ESSENTIAL OILS

PROGRAMS	MATRICES	PARAMETERS	ACCREDITATION	WEIGHT	ROUNDS / YEAR	SAMPLE / YEAR	SCHEDULE
62 – FLAVOURINGS AND FRAGRANCES	FLAVOURINGS, FRAGRANCES, ESSENTIAL OILS	PHYSICO-CHEMICAL ANALYSES	ACCREDITED*	30 G	5	1	DOWNLOAD
62D – FLAVOURINGS AND FRAGRANCES: GC ANALYSES	FLAVOURINGS, FRAGRANCES, ESSENTIAL OILS	GC ANALYSES	ACCREDITED*	2 G	2	1	DOWNLOAD
62E – FLAVOURINGS AND FRAGRANCES: LC ANALYSES	FLAVOURINGS, FRAGRANCES, ESSENTIAL OILS	LC ANALYSES	ACCREDITED*	5 G	1	1	DOWNLOAD
62F – FLAVOURINGS AND FRAGRANCES: CHIRALITY	FLAVOURINGS, FRAGRANCES, ESSENTIAL OILS	CHIRALITY	ACCREDITED*	2 G	1	2	DOWNLOAD
62G – FLAVOURINGS AND FRAGRANCES: QUANTITATIVE ANALYSES	FLAVOURINGS, FRAGRANCES, ESSENTIAL OILS	GC ANALYSES		2 G	2	2 TO 4	DOWNLOAD
66I – MULTI-RESIDUE SCREENING OF PESTICIDES	ESSENTIAL OILS	PESTICIDES	ACCREDITED*	30 ML	4	1	DOWNLOAD

* To know the matrices and parameters covered by accreditation, please see the detailed scope of accreditation, available [here](#)

PT PHARMACEUTICAL

PROGRAMS	MATRICES	PARAMETERS	ACCREDITATION	WEIGHT	ROUNDS / YEAR	SAMPLES / ROUND	SCHEDULE
97 – PURIFIED WATER FOR PHARMACEUTICAL APPLICATIONS	WATERS	ENDOTOXINS & TOC		200 ML	2	2	DOWNLOAD
98 – RESIDUAL SOLVENTS IN EXCIPIENTS	POLYETHYLENE GLYCOL – PEG	ETHYLENE OXIDE AND DIOXANE		20 G	2	1	DOWNLOAD
104 – MICROBIOLOGY OF PHARMACEUTICAL PROCESS WATER	PHARMACEUTICAL PROCESS WATER	TOTAL VIABLE AEROBIC COUNT		50 ML	2	1	DOWNLOAD

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