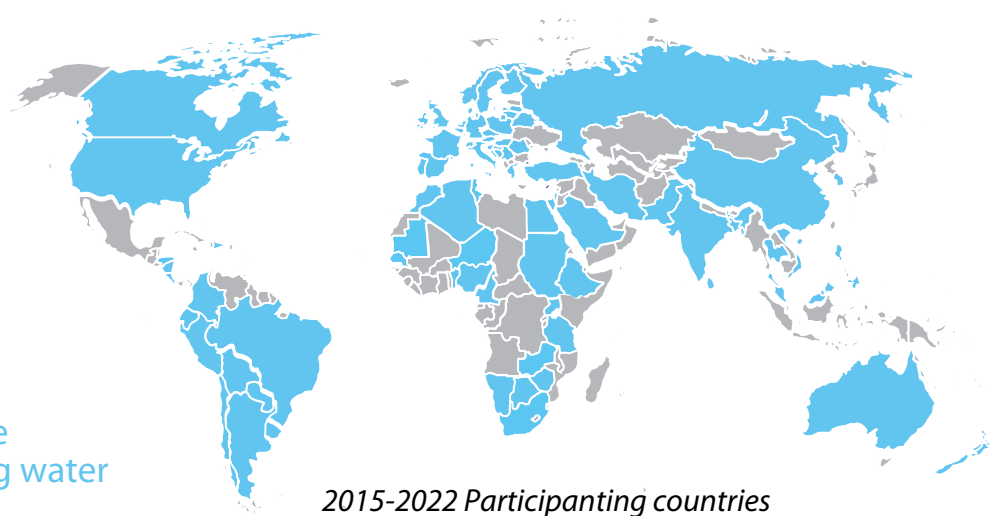


### Highlights:

- red dyes in meat
- aminoglycosides in muscle
- promazines in urine
- zilpaterol in liver
- aflatoxins in cocoa
- aflatoxins in chilli
- ochratoxin in tissues
- pesticides in pistachio
- natural hormones in serum
- antibiotics in medicated feed
- additive acids in tomato sauce
- gentamycin in animal drinking water
- zeranol in muscle



### *A better Proficiency Test approach*

Test Veritas S.r.l. was created to satisfy the increasing international demand for services and products for the conformity assessment in the field of agri-food analysis.

For External Quality Control, Test Veritas offers to its customers the interlaboratory proficiency testing scheme **Progetto Trieste**.

The main features of Progetto Trieste are:

- Screening results are assessed by dedicated criteria
- Z-scores are not affected by screening results
- Test materials are mainly incurred
- Two samples with different concentrations are often provided



25 years of experiences  
87 participating countries

List of *EN ISO/IEC 17043:2010*

accredited scopes  
available at  
[www.accredia.it](http://www.accredia.it)  
(Cert. PTP N. 0008 P)

Details of accredited  
schemes available at  
[www.testveritas.com](http://www.testveritas.com)

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# Progetto Trieste - Proficiency Testing

## Groups of analytes

### Mycotoxins

Aflatoxins B<sub>1</sub>,G<sub>1</sub>,B<sub>2</sub>,G<sub>2</sub>,M<sub>1</sub>  
Fumonisin  
Ochratoxin A  
Patulin  
DON  
Zearalenone

(pages n. 19-21)

### Veterinary drug residues

Synthetic steroids  
RAL  
Stilbenes  
βagonists  
Ractopamine  
Corticosteroids  
Chloramphenicol  
Tetracyclines  
Quinolones and fluoroquinolones  
Nitrofurantol metabolites  
Avermectins  
Anthelmintics  
Macrolides  
βlactams  
Sulphonamides  
Coccidiostats  
Aminoglycosides  
Nitroimidazoles  
Illegal dyes  
NSAIDs  
Thyrostats  
Natural Hormones

(pages n. 3-14)

### Histamine biogenic amines and TVBN

(page n.8)

### Pesticides

Fipronil, Fluralaner, Pyrethroids  
and others pesticides, see the lists on page n.14

(pages n.15-16)

### Metals

Lead, Cadmium, Mercury, Arsenic  
Tin, Iron, Chromium

(page n.17)

### Additives

Nitrates, Nitrites, Sulphites, Acids, Dyes

(page n.18)

### Acrylamide

(page n.19)

# Progetto Trieste - Veterinary Drug Residues 2023 Programme

Those proficiency tests could distinguish between participations with confirmatory methods (e.g. HPLC, GC) or screening methods (ELISA, RIA, biosensors, microbial inhibition assays, lateral flow, etc...).

For participating with **confirmatory methods** the code is **A** and quantification is requested. Evaluation of performance will be in z-score terms.

For participating with **screening methods** the code is **B** and quantification is optional. Qualitative results will be assessed by dedicated criteria (see *Evaluation Criteria* at [www.testveritas.com](http://www.testveritas.com)).

When the shipment includes 2 test materials, they are at a different concentration of analyte. The laboratory will receive an evaluation for each test material.

## ROUND of MARCH (see next page too)

Shipping date: March 13th 2023. Result submission deadline: April 17th 2023. Final Report available in May 2023.

Order deadline: January 31st 2023

Analytes	Matrix	Status	Code		Quantity	Euro
Chloramphenicol	bovine milk <sup>L10</sup>	spiked	MI3100	A B	20ml x 2 Test Materials 10ml x 2 Test Materials	330,00 290,00
Chloramphenicol	chicken o rabbit muscle <sup>L10</sup>	spiked or incured	M3101	A B	20g x 2 Test Materials 10g x 2 Test Materials	330,00 290,00
Chloramphenicol	eggs <sup>L10</sup>	spiked	E3102	A B	30g x 2 Test Materials 15g x 2 Test Materials	330,00 290,00
Tetracyclines and Quinolones/ Fluoroquinolones	bovine milk <sup>L10</sup>	spiked or incured	MI3105	A B	20ml x 2 Test Materials 10ml x 2 Test Materials	450,00 350,00
partial participations in MI3105						
Only for analysis of Quinolones/Fluoroquinolones: MI3105/Q				A B	20ml x 2 Test Materials 10ml x 2 Test Materials	330,00 290,00
Only for analysis of Tetracyclines: MI3105/T				A B	20ml x 2 Test Materials 10ml x 2 Test Materials	330,00 290,00
Nitrofuran metabolites	swine muscle <sup>L10</sup>	spiked or incured	M3104	A B	20g x 2 Test Materials 10g x 2 Test Materials	330,00 290,00
Sulphonamides	eggs <sup>L10</sup>	spiked or incured	E3103	A B	30g x 2 Test Materials 15g x 2 Test Materials	330,00 290,00

Analysis of sulphonamides intended to the homogeneity study have been subcontracted. Test Veritas is responsible of subcontracted activities.

<sup>L10</sup>Lyophilized material. Quantity regards the final quantity after reconstitution. Instructions for reconstitution will be delivered with the test material.

## TECHNICAL ASPECTS

Each test material may contain one or more substances from the table below. The proposed concentrations are indicative, especially for incurred matrix (naturally contaminated) with multiple contamination. In case 2 test materials are provided, one could be blank.

Milk test materials would contain preservative solutions.

It is not requested to research all the molecules of each group.

Category	List of molecules	Indicative concentrations
Chloramphenicol	chloramphenicol	eggs, milk: < 2 ppb or blank muscle: < 3 ppb or blank
Tetracyclines	oxytetracycline, chlortetracycline, doxycycline, tetracycline and epimers	milk: < 400 ppb or blank
Quinolones and fluoroquinolones	enrofloxacin, ciprofloxacin, flumequine, marbofloxacin, danofloxacin, difloxacin, sarafloxacin, nalidixic acid, oxolinic acid, norfloxacin	milk: < 300 ppb or blank
Nitrofurans metabolites	AOZ, AMOZ, AHD, SEM	muscle: < 4 ppb or blank
Sulphonamides	sulfamethazine, sulfadimethoxine, sulfaquinoxaline, sulfamerazine, sulfadiazine, sulfadoxine, sulfamethoxypyridazine, sulfamethoxazole, sulfamonomethoxine, sulfathiazole	eggs: < 50 ppb or blank



# Progetto Trieste - Veterinary Drug Residues 2023 Programme

## ROUND of MARCH (see previous page too)

Shipping date: March 13th 2023. Result submission deadline: April 17th 2023. Final Report available in May 2023.

Order deadline: January 31st 2023

Analytes	Matrix	Status	Code		Quantity	Euro
Nitrofurans metabolites	egg <sup>L10</sup>	spiked	E3106	A	30g x 1 Test Material	330,00
				B	15g x 1 Test Material	290,00
Anthelmintics	bovine liver <sup>L10</sup>	spiked	L3107	A	25g x 1 Test Material	330,00
				B	10g x 1 Test Material	290,00
Macrolides	bovine muscle <sup>L10</sup>	spiked	M3108	A	25g x 1 Test Material	330,00
				B	10g x 1 Test Material	290,00
NSAIDs	bovine muscle <sup>L10</sup>	spiked	M3109	A	25g x 1 Test Material	330,00
Aminoglycosides	bovine muscle <sup>L10</sup>	spiked	M3110	A	20g x 1 Test Material	330,00
				B	10g x 1 Test Material	290,00
Nitrofurans and Gentamycin	animal watering water	spiked	WA3111	A	20ml x 2 Test Materials	450,00
				B	10ml x 2 Test Materials	350,00
partial participations in WA3111						
Only for analysis of nitrofurans:		WA3111/N	A	20ml x 2 Test Materials	330,00	
			B	10ml x 2 Test Materials	290,00	
Only for analysis of gentamycin:		WA3111/G	A	20ml x 2 Test Materials	330,00	
			B	10ml x 2 Test Materials	290,00	

<sup>L10</sup>Lyophilized material. Quantity regards the final quantity after reconstitution. Instructions for reconstitution will be delivered with the test material.

For participating with confirmatory methods (HPLC, GC) the code is A. Quantification is required.

For participating with screening methods (ELISA, RIA, biosensors, microbial inhibition assay, lateral flow, etc...) the code is B.

## TECHNICAL ASPECTS

Each test material may contain one or more substances from the table below. The proposed concentrations are indicative, especially for incurred matrix (naturally contaminated) with multiple contamination.

It is not requested to research all the molecules of each group.

Category	List of molecules	Indicative concentrations
Anthelmintics	Avermectins (ivermectin, abamectin, doramectin, eprinomectin, emamectin, moxidectin), Benzimidazoles (albendazole, flubendazole, febantel, fenbendazole, mebendazole, oxfendazole, thiabendazole), Salicylanilides (closantel, nitroxinil, rafoxamine), levamisole. <i>Levamisole and one avermectine will be present.</i>	liver: < 300 ppb
Nitrofurans metabolites	AOZ, AMOZ, SEM AHD	eggs: < 4 ppb
Aminoglycosides	Dihydrostreptomycin, Gentamycin (sum), Spectinomycin, Neomycin	muscle: < 800 ppb
Macrolides	erythromycin, josamycin, lincomycin, oleandomycin, rifampicin, spiramycin, tilmicin, tylosin A, tylosin B, virginiamycin	muscle: < 400 ppb
NSAIDs	carprofen, diclofenac, flunixin, 5-hydroxyflunixin, ibuprofen, ketoprofen, meloxicam, naproxen, niflumic acid, oxyphenylbutazone, phenylbutazone, tolafenamic acid, vedaprofen	muscle: < 300 ppb
Gentamycin	gentamycin	water: < 200 ppb
Nitrofurans	furazolidone, furaltadone, nitrofurantoin, nitrofurazone	water: < 200 ppb

# Progetto Trieste - Veterinary Drug Residues 2023 Programme

## ROUND of APRIL

Shipping date: April 3rd 2023. Result submission deadline: May 8th 2023. Final Report available in June 2023.  
Order deadline: February 20th 2023

Analytes	Matrix	Status	Code	Quantity	Euro
Synthetic steroids	bovine urine <sup>LIO</sup>	incurred or spiked	U3800	A 18ml x 2 Test Materials B 12ml x 2 Test Materials	380,00 290,00
RAL	bovine urine <sup>LIO</sup>	incurred	U3801	A 18ml x 2 Test Materials B 6ml x 2 Test Materials	380,00 290,00
Stilbenes	bovine urine <sup>LIO</sup>	incurred or spiked	U3802	A 18ml x 2 Test Materials B 6ml x 2 Test Materials	380,00 290,00
β-agonists (ractopamine included)	swine urine <sup>LIO</sup>	incurred or spiked	U3803	A 18ml x 2 Test Materials B 6ml x 2 Test Materials	380,00 290,00
<i>partial participations in U3803</i>					
Only for analysis of β-agonists:			U3803/G	A 18ml x 2 Test Materials B 6ml x 2 Test Materials	330,00 275,00
Only for analysis of ractopamine:			U3803/R	A 18ml x 2 Test Materials B 6ml x 2 Test Materials	330,00 275,00
Corticosteroids and Thyrostats	bovine urine <sup>LIO</sup>	incurred or spiked	U3804	A 18ml x 2 Test Materials	495,00
<i>partial participations in U3804</i>					
Only for analysis of corticosteroids:			U3804/C	A 18ml x 2 Test Materials B 6ml x 2 Test Materials	380,00 290,00
Only for analysis of thyrostats:			U3803/T	A 18ml x 2 Test Materials	380,00

Analysis of synthetic steroids, RAL and stilbenes intended to the homogeneity study have been subcontracted. Test Veritas is responsible of subcontracted activities.

For participating with confirmatory methods (HPLC, GC) the code is A. Quantification is required.

For participating with screening methods (ELISA, RIA, biosensors, microbial inhibition assay, lateral flow, etc...) the code is B.

<sup>LIO</sup> Lyophilized material. Quantity regards the final quantity after reconstitution. Instructions for reconstitution will be delivered with the test material.

## TECHNICAL ASPECTS

Each test material may contain one or more substances from the table below. In case 2 test materials are provided, one could be blank.  
The proposed concentrations are indicative, especially for incurred matrix (naturally contaminated) with multiple contamination.  
It is not requested to research all the molecules of each group.

Category	List of molecules	Indicative concentrations
Synthetic steroids	17α-19 nortestosterone, 17β-19 nortestosterone, 17α-boldenone, 17 β-boldenone, 17α-trenbolone, 17β-trenbolone, methyltestosterone, stanozolol	urine: < 6 ppb or blank
RAL	zeranol, taleranol	
Stilbenes	diethylstilbestrol (cis-DES and trans-DES), hexestrol, dienestrol	
β-agonists	brombuterol, clenbuterol, cimbuterol, clenpenterol, mabuterol, salbutamol, terbutaline, zipaterol	
Ractopamine	ractopamine	
Corticosteroids	dexamethasone, betamethasone, flumethasone, prednisolone, prednisone, methylprednisolone, cortisol, beclomethasone, cortisone, triamcinolone, acetoneide.	urine: < 300 ppb or blank
Thyrostats	2-thiouracil, 6-methyl-2-thiouracil, methimazole (tapazole), 6-phenyl-2-thiouracil, 6-propyl-2-thiouracil	

# Progetto Trieste - Veterinary Drug Residues 2023 Programme

## ROUND of MAY (see next page too)

Shipping date: May 15th 2023. Result submission deadline: June 19th 2023 and June 12th for  $\beta$ -lactams.  
Final Report available in July 2023. Order deadline: March 31st 2023

Analytes	Matrix	Status	Code		Quantity	Euro
Sulphonamides	bovine milk <sup>L10</sup>	spiked	MI3200	A	20ml x 2 Test Materials	330,00
				B	10ml x 2 Test Materials	290,00
Avermectins β-lactams	bovine milk <sup>L10</sup>	spiked	MI3201	A	20ml x 2 Test Materials	450,00
				B	10ml x 2 Test Materials	350,00
partial participations in MI3201						
Only for analysis of avermectins:			MI3201/I	A	20ml x 2 Test Materials	330,00
				B	10ml x 2 Test Materials	290,00
Only for analysis of β-lactams:			MI3201/L	A	20ml x 2 Test Materials	330,00
				B	10ml x 2 Test Materials	290,00
β-lactams	bovine muscle <sup>L10</sup>	spiked	M3202	A	20g x 1 Test Material	330,00
				B	10g x 1 Test Material	290,00
Nitroimidazoles and coccidiostatics	eggs <sup>L10</sup>	spiked or incurred	E3203	A	30g x 1 Test Material	450,00
				B	15g x 1 Test Material	350,00
partial participations in E3203						
Only for analysis of nitroimidazoles:			E3203/N	A	30g x 1 Test Material	330,00
				B	15g x 1 Test Material	290,00
Only for analysis of coccidiostatics:			E3203/C	A	30g x 1 Test Material	330,00
				B	15g x 1 Test Material	290,00
Nitroimidazoles	bovine muscle <sup>L10</sup>	spiked	M3204	A	20g x 1 Test Material	330,00
				B	10g x 1 Test Material	290,00

Analysis of sulphonamides intended to the homogeneity study have been subcontracted. Test Veritas is responsible of subcontracted activities.

For participating with **confirmatory methods** (HPLC, GC) the code is **A**. Quantification is required.

For participating with **screening methods** (ELISA, RIA, biosensors, microbial inhibition assay, lateral flow, etc...) the code is **B**.

<sup>L10</sup> Lyophilized material. Quantity regards the final quantity after reconstitution. Instructions for reconstitution will be delivered with the test material.

### TECHNICAL ASPECTS

Each test material may contain one or more substances from the table below. In case 2 test materials are provided, one could be blank.

The proposed concentrations are indicative, especially for incurred matrix (naturally contaminated) with multiple contamination.

Milk test materials would contain preservative solutions.

It is not requested to research all the molecules of each group.

Category	List of molecules	Indicative concentrations
Avermectins	ivermectin, abamectin, doramectin, eprinomectin, emamectin, moxidectin	milk: < 60 ppb or blank
$\beta$ -lactams	penicillin V, penicillin G, amoxicillin, ampicillin, cloxacillin, oxacillin, cefapirin, cefalexin, cefazolin, cefaclor, cefotaxime	milk: < 60 ppb or blank muscle: < 400 ppb
Sulphonamides	sulfamethazine, sulfadimethoxine, sulfaquinoxaline, sulfamerazine, sulfadiazine, sulfadoxine, sulfamethoxy pyridazine, sulfamethoxazole, sulfamonomethoxine, sulfathiazole	milk: < 400 ppb or blank
Nitroimidazoles	dimetridazole, 2-hydroxy dimetridazole (HMMNI), metronidazole, 2-hydroxy metronidazole, ipronidazole, 2-hydroxy ipronidazole, ronidazole	muscle: < 30 ppb egg: < 20 ppb
Coccidiostatics	nicarbazin (expressed as DNC), robenidine, salinomycin, lasalocid, narasin, maduramycin, monensin, clopidol, diclazuril	egg: < 300 ppb

# Progetto Trieste - Veterinary Drug Residues 2023 Programme

## ROUND of MAY (see previous page too)

Shipping date: May 15th 2023. Result submission deadline: June 19th 2023 and June 12th for  $\beta$ -lactams.  
Final Report available in July 2023. Order deadline: March 31st 2023

Analytes	Matrix	Status	Code	Quantity	Euro
Nitroimidazoles	bovine milk <sup>L10</sup>	spiked	MI3205	A 20ml x 2 Test Materials	330,00
				B 10ml x 2 Test Materials	290,00
Natural Hormones	bovine serum <sup>L10</sup>	spiked	SE3209	15ml x 1 Test Material	380,00

For participating with **confirmatory methods** (HPLC, GC) the code is **A**. Quantification is required.

For participating with **screening methods** (ELISA, RIA, biosensors, microbial inhibition assay, lateral flow, etc...) the code is **B**.

<sup>L10</sup>Lyophilized material. Quantity regards the final quantity after reconstitution. Instructions for reconstitution will be delivered with the test material.

### TECHNICAL ASPECTS

Each test material may contain one or more substances from the table below. In case 2 test materials are provided, one could be blank.  
The proposed concentrations are indicative, especially for incurred matrix (naturally contaminated) with multiple contamination.  
Milk test materials would contain preservative solutions.  
It is not requested to research all the molecules of each group.

Category	List of molecules	Indicative concentrations
Nitroimidazoles	dimetridazole, 2-hydroxy dimetridazole (HMMNI), metronidazole, 2-hydroxy metronidazole, ipronidazole, 2-hydroxy ipronidazole, ronidazole	milk: < 15 ppb
Natural hormones	progesterone, testosterone, 17-beta estradiol <i>All the molecules will be present.</i>	serum: < 6 ppb

IN THE SAME DATES ARE SCHEDULED SOME PTs FOR  
ADDITIVES/PRESERVATIVES,  
TAKE ADVANTAGE AND SAVE SHIPPING COST.  
LOOK AT PAGE N. 18 IF THERE  
IS ANY PT OF YOUR INTEREST!!!

# Progetto Trieste - Histamine biogenic amines and TVBN - 2023 Programme

## ROUND of SEPTEMBER

Shipping date: September 18th 2023. Result submission deadline: October 23th 2023. Final Report available in November 2023.  
Order deadline: July 28th 2023

Analytes	Matrix	Status	Code		Quantity	Euro
Histamine (2 levels)	tuna <sup>LIO</sup>	incurred	T3300H	A	50g x 2 Test Materials	295,00
				B	50g x 2 Test Materials	215,00
TVBN	tuna <sup>LIO</sup>	incurred	T3300N	A	50g x 1 Test Material	295,00
				B	50g x 1 Test Material	215,00
Histamine (2 levels) and TVBN	tuna <sup>LIO</sup>	incurred	T3300	A	50g x 2 Test Materials	385,00
				B	50g x 2 Test Materials	290,00
In the PT T3300 you will receive 2 evaluations for histamine at different levels of concentration and 1 evaluation for the Total Volatile Basic Nitrogen.						

For participating with **confirmatory methods** (HPLC, GC) the code is **A**. Quantification is required.

For participating with **screening methods** (ELISA, RIA, biosensors, microbial inhibition assay, lateral flow, etc...) the code is **B**.

<sup>LIO</sup> Lyophilized material. Quantity regards the final quantity after reconstitution. Instructions for reconstitution will be delivered with the test material.

## in September 2024

<b>Biogenic amines</b>	<b>tuna<sup>LIO</sup></b>	<b>incurred or spiked</b>	<b>T4301</b>	<b>A</b> 50g x 1 Test Material	<b>350,00</b>
				<b>B</b> 50g x 1 Test Material	<b>290,00</b>

## TECHNICAL ASPECTS

Each test material may contain one or more substances from the table below.

The proposed concentrations are indicative, especially for incurred matrix (naturally contaminated) with multiple contamination.

It is not requested to research all the molecules of each group.

Category	List of molecules	Indicative concentrations
Histamine	histamine	tuna: 60 ppm < Level 1 < 350 ppm 25 ppm < Level 2 < 50 ppm
TVBN	total volatile basic-nitrogen	tuna: < 400 mg/100g
Biogenic amines	cadaverine, putrescine, spermidine, spermine, tyramine	tuna: < 500 ppm

Due to the test materials features, the programme could have some modifications during the year.



# Progetto Trieste - Veterinary Drug Residues 2023 Programme

## ROUND of SEPTEMBER (see next page too)

Shipping date: September 18th 2023. Result submission deadline: October 23rd 2023. Final Report available in November 2023  
Order deadline: July 28th 2023

Analytes	Matrix	Status	Code	Quantity	Euro
Quinolones and fluoroquinolones	turkey muscle <sup>L10</sup>	incurred or spiked	M3306	A 20g x 2 Test Materials	330,00
				B 10g x 2 Test Materials	290,00
Tetracyclines	bovine or hen muscle <sup>L10</sup>	incurred or spiked	M3302	A 20g x 2 Test Materials	330,00
				B 10g x 2 Test Materials	290,00
Sulphonamides	swine muscle <sup>L10</sup>	incurred or spiked	M3303	A 30g x 2 Test Materials	330,00
				B 10g x 2 Test Materials	290,00
NSAIDs	bovine milk <sup>L10</sup>	spiked	MI3309	A 20ml x 1 Test Material	330,00

Analysis of sulphonamides intended to the homogeneity study have been subcontracted. Test Veritas is responsible of subcontracted activities.

For participating with confirmatory methods (HPLC, GC) the code is A. Quantification is required.

For participating with screening methods (ELISA, RIA, biosensors, microbial inhibition assay, lateral flow, etc...) the code is B.

<sup>L10</sup> Lyophilized material. Quantity regards the final quantity after reconstitution. Instructions for reconstitution will be delivered with the test material.

## TECHNICAL ASPECTS

Each test material may contain one or more substances from the table below. In case 2 test materials are provided, one could be blank.

The proposed concentrations are indicative, especially for incurred matrix (naturally contaminated) with multiple contamination.

It is not requested to research all the molecules of each group.

Milk test materials would contain preservative solutions.

Category	List of molecules	Indicative concentrations
Quinolones and fluoroquinolones	enrofloxacin, ciprofloxacin, flumequine, marbofloxacin, danofloxacin, sarafloxacin, nalidixic acid, oxolinic acid, norfloxacin, difloxacin	muscle: < 400 ppb or blank
Tetracyclines	oxytetracycline, chlortetracycline, doxycycline, tetracycline and epimers	muscle: < 400 ppb or blank
Sulphonamides	sulfamethazine, sulfadimethoxine, sulfaquinoxaline, sulfamerazine, sulfadiazine, sulfadoxine, sulfamethoxypyridazine, sulfamethoxazole, sulfamonomethoxine, sulfathiazole, dapsone, trimethoprim	muscle: < 300 ppb or blank
NSAIDs	carprofen, diclofenac, flunixin, 5-hydroxyflunixin, ibuprofen, ketoprofen, meloxicam, naproxen, niflumic acid, oxyphenylbutazone, phenylbutazone, tolfenamic acid, vedaprofen	milk: < 80 ppb

# Progetto Trieste - Veterinary Drug Residues 2023 Programme

## ROUND of SEPTEMBER (see previous page too)

Shipping date: September 18th 2023. Result submission deadline: October 23rd 2023. Final Report available in November 2023.  
Order deadline: July 28th 2023

Analytes	Matrix	Status	Code	Quantity	Euro
Chloramphenicol	fish and shrimps <sup>L10</sup>	spiked	SF3304	A B 20g x 2 Test Materials 10g x 2 Test Materials	330,00 290,00
Nitrofurantol metabolites	fish and shrimps <sup>L10</sup>	spiked	SF3305	A B 20g x 2 Test Materials 10g x 2 Test Materials	330,00 290,00
Quinolones and fluoroquinolones	fish <sup>L10</sup>	spiked	SF3307	A B 20g x 1 Test Material 10g x 1 Test Material	330,00 290,00
Tetracyclines	fish <sup>L10</sup>	spiked	SF3301	A B 20g x 1 Test Material 10g x 1 Test Material	330,00 290,00
Sulphonamides	fish <sup>L10</sup>	spiked	SF3311	A B 20g x 1 Test Material 10g x 1 Test Material	330,00 290,00
Illegal dyes	fish <sup>L10</sup>	spiked	SF3308	A B 20g x 2 Test Materials 10g x 2 Test Materials	330,00 290,00

For participating with confirmatory methods (HPLC, GC) the code is A. Quantification is required.

For participating with screening methods (ELISA, RIA, biosensors, microbial inhibition assay, lateral flow, etc...) the code is B.

<sup>L10</sup> Lyophilized material. Quantity regards the final quantity after reconstitution. Instructions for reconstitution will be delivered with the test material.

## TECHNICAL ASPECTS

Each test material may contain one or more substances from the table below. In case 2 test materials are provided, one could be blank.

The proposed concentrations are indicative, especially for incurred matrix (naturally contaminated) with multiple contamination.

It is not requested to research all the molecules of each group.

Category	List of molecules	Indicative concentrations
Quinolones and fluoroquinolones	enrofloxacin, ciprofloxacin, flumequine, marbofloxacin, danofloxacin, sarafloxacin, nalidixic acid, oxolinic acid, norfloxacin, difloxacin	fish: < 800 ppb
Tetracyclines	oxytetracycline, chlortetracycline, doxycycline, tetracycline and epimers	fish: < 400 ppb
Sulfamidici	sulfamethazine, sulfadimethoxine, sulfaquinoxaline, sulfamerazine, sulfadiazine, sulfadoxine, sulfamethoxypyridazine, sulfamethoxazole, sulfamonomethoxine, sulfathiazole, dapson, trimethoprim	fish: < 300 ppb
Chloramphenicol	chloramphenicol	fish and shrimps: < 2 ppb or blank
Nitrofurantol metabolites	AOZ, AMOZ, SEM, AHD	fish and shrimps: < 4 ppb or blank
Illegal dyes	malachite green, leucomalachite green and the sum of both, crystal violet, leucocrystal violet and the sum of both, brilliant green. Total Illegal Dyes.	fish: < 8 ppb or blank

# Progetto Trieste - Veterinary Drug Residues 2023 Programme

## ROUND of NOVEMBER (see next page too)

Shipping date: November 20th 2023. Result submission deadline: December 27th 2023 and December 15th for  $\beta$ -lactams.  
Final Report available in January 2024. Order deadline: October 6th 2023

Analytes	Matrix	Status	Code		Quantity	Euro		
β-agonists (ractopamine included)	bovine liver <sup>L10</sup>	incurred or spiked	L3400	A	20g x 2 Test Materials	360,00		
				B	10g x 2 Test Materials	290,00		
				partial participations in L3400				
				Only for analysis of β-agonists:		L3400/G	A 20g x 2 Test Materials B 10g x 2 Test Materials	330,00 265,00
Only for analysis of ractopamine:		L3400/R	A 20g x 2 Test Materials B 10g x 2 Test Materials	330,00 265,00				
Corticosteroids	bovine liver <sup>L10</sup>	incurred or spiked	L3401	A B	20g x 2 Test Materials 10g x 2 Test Materials	330,00 290,00		
Sulphonamides	swine liver <sup>L10</sup>	spiked	L3403	A B	20g x 1 Test Material 10g x 1 Test Material	330,00 290,00		
Coccidiostatics	chicken or turkey <sup>L10</sup> muscle	incurred or spiked	M3406	A B	20g x 1 Test Material 10g x 1 Test Material	330,00 290,00		
Stilbenes e Zeranol	chicken muscle <sup>L10</sup>	spiked	M3408	A B	20g x 1 Test Material 10g x 1 Test Material	550,00 450,00		
partecipazioni parziali di M3408								
Solo per analisi di stilbenes:		M3408/S	A B	20g x 1 Test Material 10g x 1 Test Material	330,00 290,00			
Solo per analisi di zeranol:		M3408/Z	A B	20g x 1 Test Material 10g x 1 Test Material	330,00 290,00			

For participating with **confirmatory methods** (HPLC, GC) the code is **A**. Quantification is required.

For participating with **screening methods** (ELISA, RIA, biosensors, microbial inhibition assay, lateral flow, etc...) the code is **B**.

<sup>L10</sup> Lyophilized material. Quantity regards the final quantity after reconstitution. Instructions for reconstitution will be delivered with the test material.

### TECHNICAL ASPECTS

Each test material may contain one or more substances from the table below. In case 2 test materials are provided, one could be blank.  
The proposed concentrations are indicative, especially for incurred matrix (naturally contaminated) with multiple contamination.  
It is not requested to research all the molecules of each group.

Category	List of molecules	Indicative concentrations
$\beta$ -agonists	brombuterol, clenbuterol, cimbuterol, clenpenterol, mabuterol, salbutamol, terbutaline, zilpaterol. <i>The presence of Zilpaterol is guaranteed.</i>	liver: < 7 ppb or blank
Ractopamine	ractopamine	
Corticosteroids	betamethasone, dexamethasone, flumethasone, prednisolone, methylprednisolone, prednisone, cortisol, beclomethasone, cortisone, triamcinolone, triamcinolone, acetamide	liver: < 8 ppb or blank
Sulphonamides	sulfamethazine (sulfadimidina), sulfadimethoxine, sulfamerazine, sulfamethoxypyridazine, sulfadiazine, sulfamonomethoxine, sulfathiazole, sulfaquinoxaline, sulfadoxine, sulfamethoxazole	liver: < 300 ppb
Coccidiostatics	nicarbazin (expressed as DNC), robenidine, salinomycin, lasalocid, narasin, maduramycin, monensin, clopidol, diclazuril	muscle: < 80 ppb
Stilbenes	diethylstilbestrol (cis-DES and trans-DES), hexestrol, dienestrol	muscle: < 6 ppb
Zeranol	zeranol	muscle: < 6 ppb

# Progetto Trieste - Veterinary Drug Residues 2023 Programme

## ROUND of NOVEMBER (see previous page too)

Shipping date: November 20th 2023. Result submission deadline: December 27th 2023

Final Report available in January 2024. Order deadline: October 6th 2023

Analytes	Matrix	Status	Code		Quantity	Euro
Sulphonamides and Oxytetracycline	medicated feed	spiked	F3410	A	120g x 2 Test Materials	450,00
				B	120g x 2 Test Materials	350,00
partial participations in F3410						
Only for analysis of sulphonamides:			F3410/S	A	120g x 2 Test Materials	330,00
				B	120g x 2 Test Materials	290,00
Only for analysis of oxytetracycline:			F3410/O	A	120g x 2 Test Materials	330,00
				B	120g x 2 Test Materials	290,00
Amoxicillin (residual level)	feed	spiked	F3411	A	120g x 1 Test Material	330,00
				B	120g x 1 Test Material	290,00
β-lactams	fish <sup>LHO</sup>	spiked	SF3407	A	20g x 1 Test Material	330,00
				B	10g x 1 Test Material	290,00
Promazines (qualitative evaluation)	bovine urine <sup>LHO</sup>	spiked	U3409		10ml x 1 Test Material	330,00

Analysis of sulphonamides intended to the homogeneity study have been subcontracted. Test Veritas is responsible of subcontracted activities.

For participating with confirmatory methods (HPLC, GC) the code is A. Quantification is required.

For participating with screening methods (ELISA, RIA, biosensors, microbial inhibition assay, lateral flow, etc...) the code is B.

### TECHNICAL ASPECTS

Each test material may contain one or more substances from the table below. In case 2 test materials are provided, one could be blank.

The proposed concentrations are indicative, especially for incurred matrix (naturally contaminated) with multiple contamination.

It is not requested to research all the molecules of each group.

Category	List of molecules	Indicative concentrations
Sulphonamides	sulfadiazine, sulfadimethothoxine, sulfamerazine	feed: 800-1500 ppm
Oxytetracycline	oxytetracycline	feed: 800-1500 ppm
Amoxicillin	amoxicillin	feed: to be defined
β-lactams	penicillin V, penicillin G, amoxicillin, ampicillin, cloxacillin, cefapirin, cefalexin, cefazolin, oxacillin, cefaclor, cefotaxime	fish: < 300 ppb
Promazines	promazine, acetylpromazine, chlorpromazine, propionylpromazine, trifluorpromazine	urine: < 120 ppb



# Progetto Trieste - Veterinary Drug Residues 2023 Programme

## ROUND of NOVEMBER (see previous page too)

Shipping date: November 20th 2023. Result submission deadline: December 15th 2023

Final Report available in January 2024. Order deadline: October 6th 2023

Analytes	Matrix	Status	Code	Quantity	Euro
Sulphonamides and Chloramphenicol	light honey	spiked	H3402	A 30g x 2 Test Materials	450,00
				B 10g x 2 Test Materials	330,00
				<i>partial participations in H3402</i>	
				Only for analysis of sulphonamides: H3402/S	A 30g x 2 Test Materials 330,00 B 10g x 2 Test Materials 255,00
Streptomycin and Tetracyclines	light honey	spiked	H3404	A 30g x 2 Test Materials	450,00
				B 10g x 2 Test Materials	330,00
				<i>partial participations in H3404</i>	
				Only for analysis of streptomycin: H3404/M	A 30g x 2 Test Materials 330,00 B 10g x 2 Test Materials 255,00
Nitrofurantol metabolites	light honey	spiked	H3405	A 30g x 1 Test Material	330,00
				B 10g x 1 Test Material	255,00

Analysis of sulphonamides intended to the homogeneity study have been subcontracted. Test Veritas is responsible of subcontracted activities.

For participating with confirmatory methods (HPLC, GC) the code is A. Quantification is required.

For participating with screening methods (ELISA, RIA, biosensors, microbial inhibition assay, lateral flow, etc...) the code is B.

## TECHNICAL ASPECTS

Each test material may contain one or more substances from the table below. In case 2 test materials are provided, one could be blank.

The proposed concentrations are indicative, especially for incurred matrix (naturally contaminated) with multiple contamination.

It is not requested to research all the molecules of each group.

Category	List of molecules	Indicative concentrations
Sulphonamides	sulfamethazine, sulfadimethoxine, sulfaquinoxaline, sulfamerazine, sulfadiazine, sulfadoxine, sulfamethoxypyridazine, sulfamethoxazole, sulfamonomethoxine, sulfathiazole	honey: < 100 ppb or blank
Chloramphenicol	chloramphenicol	honey: < 3 ppb or blank
Streptomycin	streptomycin, dihydrostreptomycin	honey: < 100 ppb or blank
Tetracyclines	oxytetracycline, chlortetracycline, doxycycline, tetracycline and epimers	honey: < 100 ppb or blank
Nitrofurantol metabolites	AOZ, AMOZ, SEM, AHD	honey: < 6 ppb

## Further Proficiency Testing ... in 2024

We want to evidence you in this preview some proficiency testing that were not present in the 2023 programme but will be present in 2024.

### ROUND OF MARCH 2024

Analytes	Matrix
In this round there will be proposed similar codes to the ones proposed in 2023 and in addition:	
<b>Tetracycline and Quinolones</b>	<b>eggs</b>
<b>beta-agonists and CAP</b>	<b>animal drinking water</b>
<b>Anthelmintics</b>	<b>muscle</b>
<i>and much more....</i>	

### ROUND OF SEPTEMBER 2024

Analytes	Matrix
In this round there will be proposed similar codes to the ones proposed in 2023 and in addition:	
<b>Macrolides and avermectins</b>	<b>fish</b>
<i>and much more....</i>	

### ROUND OF NOVEMBER 2024

Analytes	Matrix
In this round there will be proposed similar codes to the ones proposed in 2023 and in addition:	
<b>Tylosin</b>	<b>honey</b>
<b>Quinolones and nitroimidazoles</b>	<b>honey</b>
<i>and much more....</i>	

# Progetto Trieste - Pesticide Residues 2023 Programme

The quantification is requested. Evaluation will be in z-score terms.

In each participation there are included the evaluations of 2 technicians.

## ROUND of OCTOBER (see next page too)

Shipping date: October 16th 2023. Result submission deadline: November 20th 2023. Final Report available in January 2024.  
Order deadline: September 1st 2023

Analytes	Matrix	Status	Code	Quantity	Euro
<b>Pesticides</b>	<b>lettuce<sup>L10</sup></b>	<b>spiked</b>	<b>VF3700</b>	<b>60g x 1 Test Material</b>	<b>220,00</b>
Pesticides (blank sample)	lettuce <sup>L10</sup>	blank	VF3700blank	60g x 1 Test Material	59,00
<b>Pesticides</b>	<b>salmon<sup>L10</sup></b>	<b>spiked</b>	<b>SF3701</b>	<b>50g x 1 Test Material</b>	<b>290,00</b>
Pesticides (blank sample)	salmon <sup>L10</sup>	blank	SF3701blank	50g x 1 Test Material	59,00
<b>Pesticides (fipronil and others)</b>	<b>eggs<sup>L10</sup></b>	<b>spiked</b>	<b>E3702</b>	<b>40g x 1 Test Material</b>	<b>290,00</b>
Pesticides (blank sample)	eggs <sup>L10</sup>	blank	E3702blank	40g x 1 Test Material	59,00
<b>Pesticides</b>	<b>honey</b>	<b>spiked</b>	<b>H3703</b>	<b>70g x 1 Test Material</b>	<b>290,00</b>
Pesticides (blank sample)	honey	blank	H3703blank	70g x 1 Test Material	59,00
<b>Pesticides</b>	<b>pistachio</b>	<b>spiked</b>	<b>N3704</b>	<b>40g x 1 Test Material</b>	<b>220,00</b>
Pesticides (blank sample)	pistachio	blank	N32704blank	40g x 1 Test Material	59,00

Analysis of pesticides intended to the homogeneity study have been subcontrad.

Test Veritas is responsible of subcontracted activities.

<sup>L10</sup>Lyophilized material. Quantity regards the final quantity after reconstitution. Instructions for reconstitution will be delivered with the test material.

# Progetto Trieste - Pesticide Residues 2023 Programme

## TECHNICAL ASPECTS

Each test material may contain more than one of the substances from the table below.

It is not requested to research all the molecules of each group.

Category	List of molecules	Indicative concentrations
Pesticides in vegetables	<p>2-Phenylphenol (ortho-phenylphenol), Acephate, Acetamiprid, Acetochlor, Acrinathrin, Aldicarb, Aldicarb-sulfone (aldoxycarb), Aldicarb-sulfoxide, Allethrin, Ametoctradin, Atrazine, Azinphos-ethyl, Azinphos-methyl, Azoxystrobin, Benalaxyl, Bendiocarb, Bifenthrin, Biphenyl, Bitertanol, Boscalid, Bromophos-ethyl, Bromopropylate, Bromuconazole, Bupirimate, Buprofezin, Cadusafos, Captan, Carbaryl, Carbendazim, Carbofuran, Carbofuran(3-hydroxy), Carboxin, Chlorantraniliprole (rynaxypyr), Chlordane (cis and trans), Chlordane (sum of cis- and trans-chlordane), Chlorfenapyr, Chlorfenvinphos, Chloridazon, Chlorobenzilate, Chlorothalonil, Chlorpropham, Chlorpyrifos (ethyl), Chlorpyrifos-methyl, Chlorthal-dimethyl, Clofentezine, Clomazone, Clothianidin, Cyazofamid, Cyflufenamid, Cyfluthrin (sum of constituent isomers), Cyhalothrin-lambda, Cymoxanil, Cypermethrin (sum of constituent isomers), Cyproconazole, Cyprodinil, Cyromazine, Coumaphos, Demeton-s-methyl, Demeton-S-methyl-sulfon, Desmethyl-pirimicarb, Diafenthiuron, Diazinon, Dichlorvos, Dicloran, Dicofol, Diclobutrazol, Dicrotophos, Dieldrin, Diethofencarb, Difenoconazole, Diflubenzuron, Dimethenamid, Dimethoate, Dimehtomorph, Diniconazole, Diphenylamine, Disulfoton, Disulfoton-sulfoxide, Disulfoton-sulfone, Dodine, Diuron, Endosulfan (alpha and beta), Endosulfan (sum of alpha- and beta-isomers and endosulfan-sulphate expresses as endosulfan), Endosulfan-sulfate, Endrin, Epoxiconazole, Ethiofencarb, Etofenprox, Ethion, Ethirimol, Ethoprophos, Etoxazole, Etrifos, Famoxadone, Fenamidone, Fenamiphos, Fenamiphos-sulfoxide, Fenamiphos-sulfone, Fenarimol, Fenitrothion, Fenazaquin, Fenbuconazole, Fenhexamid, Fenoxaprop-p-ethyle, Fenoxycarb, Fenpropathrin, Fenpropidin, Fenpropimorph, Fenpyroximate, Fensulfothion, Fention, Fenvalerate, Fipronil-sulfone, Flonicamid, Flucythrinate, Fluazifop-p-butyl, Fluazinam, Fludioxonil, Flufenoxuron, Fluopicolide, Fluopyram, Fluquinconazol, Flusilazole, Flutriafol, Fluvalinate (tau), Fosetyl-Al (sum of fosetyl, phosphonic acid and their salts, expressed as fosetyl), Fosetyl (ethyl hydrogen phosphonate) Formothion, Fosthiazate, Fuberidazole, Flufenacet, Furathiocarb, HCB (hexachlorobenzene), HCH-A (alpha hexachlorocyclohexane), Heptachlor, Heptachlor-epoxide (cis e trans), Heptachlor (sum of heptachlor and heptachlorepoide expressed as heptachlor) Heptenophos, Hexaconazole, Haloxyfop-2 ethoxyethyl, Haloxyfop-p-methyl, Hexythiazox, Imazalil, Imidacloprid, Indoxacarb, Iprodion, Iprovalicarb, Isofenphos-ethyl, Isofenphos-methyl, Isoproturon, Isoxaben, Kresoxim-methyl, Lenacil, Linuron, Lufenuron, Malaaxon, Malathion, Mandipropamid, Mecarbam, Mepanipyrim, Metalaxyl, Methamidophos, Metamitron, Metconazole, Metazachlor, Methiocarb, Methiocarb sulfoxide, Methomyl, Methoxychlor, Methoxyfenozide, Metolachlor, Metrafenone, Metribuzin, Mevinphos, Monocrotophos, Monolinuron, Myclobutanil, Nuairimol, Omethoate, Oxadiazon, Oxadixyl, Oxamyl, Oxyfluorfen, Oxcyboxin, Oxydemeton-methyl, Paclobutrazol, Pencycuron, Penconazole, Pendimethalin, Permethrin, Phenothate, Phorate, Phosalone, Phosmet, Phosphamidon, Piperonyl-butoxide, Pyraclostrobin, Pyridaben, Pyrifenoxy, Pyrimethanil, Pirimicarb, Pirimiphos-ethyl, Pirimiphos-methyl, Pyriproxyfen, Prochloraz, Procymidone, Profenofos, Promecarb, Prometon, Prometryn, Propamocarb, Propargite, Propaquizafop, Propazine, Propiconazole, Propyzamide, Propoxur, Prosulfocarb, Prothiofos, Pymetrozine, Quinalphos, Quinoxifen, Quintozene, Quizalofop-ethyl, Spinetoram, Spinosad (A and D), Spirodiclofen, Spiromesifen, Spirotetramat, Spiroxamine, Sulfotep, Tebuconazole, Tebufenozide, Tebufenpyrad, Tecnazene, Teflubenzuron, Tefluthrin, Terbufos, Terbumeton, Terbutylazine, Terbutryn, Tetraconazole, Tetrachlorvinphos, Tetradifon, Tetramethrin, Thiabendazole, Thiacloprid, Thiamethoxam, Thiodicarb, Tolclofos-methyl, Tolyfluanid, Thiophanate methyl, Triadimenol, Triazophos, Trioxazole, Trichlorphon, Triadimefon, Trifloxystrobin, Triflurumuron, Trifluralin, Triticonazole, Vamidotion, Vinclozolin, Zoxamide.</p> <p><b>At least 8 molecules will be present.</b></p>	< 300 ppb
Pesticides in fish and eggs	<p>Aldrin, Azinphos-ethyl, Bifenthrin, Chlordane (cis), Chlordane (oxy), Chlordane (trans), Chlorfenvinphos (sum of E and Z isomers), Chlorpyrifos (ethyl), Chlorpyrifos-methyl, Cyfluthrin (sum of constituent isomers), Cyhalothrin-lambda, Cypermethrin (sum of constituent isomers), DDD-pp (TDE), DDE-pp, DDT-op, DDT-pp, Deltamethrin, Diazinon, Dieldrin, Endosulfan I (alpha), Endosulfan II (beta), Endosulfan-sulfate, Endrin, Famoxadone, Fenthion (parent), Fenvalerate (sum of constituent isomers in any ratio including esfenvalerate), HCB (hexachlorobenzene), HCH-A (alpha hexachlorocyclohexane), HCH-B (beta hexachlorocyclohexane), HCH-G (gamma hexachlorocyclohexane / lindane), Heptachlor, Heptachlor-epoxide (cis), Heptachlor-epoxide (trans), Indoxacarb (sum of indoxacarb and its R enantiomer), Methidathion, Methoxychlor, Parathion (ethyl), Parathion-methyl, Pendimethalin, Permethrin (sum of isomers), Pirimiphos-methyl, Profenofos, Pyrazophos, Quintozene, Spinosad (sum of Spinosyn A and D), Tecnazene, Triazophos, Vinclozolin, PCB 28, PCB 52, PCB 101, PCB 118, PCB 138, PCB 153, PCB 180, abamectin (sum of avermectin B1a and B1b only), Amitraz (sum of amitraz and all metabolites containing the 2,4-DMA moiety), Dichlorvos, Etoxazole, Fipronil (parent), Fipronil-desulfinyl, Fipronil-sulfone, Flufenoxuron, Pyridaben, Pyriproxyfen, Thiamethoxam</p> <p><b>At least 5 molecules will be present. In eggs, Fipronil presence is guaranteed.</b></p>	< 300 ppb
Pesticides in honey	<p>Acetamiprid, Amitraz (sum of amitraz and all metabolites containing the 2,4-DMA moiety), Clothianidin, Coumaphos, Dinotefuran, DMF (N-2,4-dimethylformamide), DMPF (N-2,4-dimethylphenylformamide), Fluvalinate (tau), Glyphosate, Aminomethylphosphonic acid (AMPA), Imidacloprid, Nitenpyram, Thiacloprid, Thiamethoxam</p> <p><b>5 molecules will be present.</b></p>	< 300 ppb
Pesticides in pistachio	<p>Acetamiprid, Imidacloprid, Thiamethoxam, Clothianidin</p>	< 300 ppb



# Progetto Trieste - Metals 2023 Programme

The quantification is requested. Evaluation will be in z-score terms.

In each participation there are included the evaluations of 2 technicians.

## ROUND of JUNE

Shipping date: June 19th 2023. Result submission deadline: July 24th 2023. Final Report available in September 2023.

Order deadline: May 5th 2023

Analytes	Matrix	Status	Code	Quantity	Euro
Arsenic/Cadmium/ Iron Lead/Tin	fruit juice	spiked	VF2710	50ml x 1 Test Material	220,00

## ROUND of OCTOBER

Shipping date: October 16th 2023. Result submission deadline: November 20th 2023. Final Report available in January 2024.

Order deadline: September 1st 2023

Mercury/Lead/Cadmium	lettuce <sup>L10</sup>	spiked	VF3705	50g x 1 Test Material	220,00
Mercury/Lead/ Cadmium/Arsenic	bovine muscle <sup>L10</sup>	spiked	M3706	40g x 1 Test Material	220,00
Mercury/Lead/ Cadmium/Arsenic	milk <sup>L10</sup>	spiked	MI3707	200ml x 1 Test Material	220,00
Mercury/Methylmercury/ Lead/Cadmium/Arsenic/ Chromium	fish <sup>L10</sup>	spiked or incurred	SF3708	50g x 1 Test Material	220,00
Lead/Cadmium	honey	spiked	H3710	40g x 1 Test Material	220,00
Lead/Cadmium	rice	spiked	R3709	50g x 1 Test Material	220,00

Analysis of metals intended to the homogeneity study have been subcontracted.

Test Veritas is responsible of subcontracted activities.

<sup>L10</sup>Lyophilized material. Quantity regards the final quantity after reconstitution. Instructions for reconstitution will be delivered with the test material.

## TECHNICAL ASPECTS

Each test material may contain one or more substances from the table below.

It is not requested to research all the molecules of each group.

Category	List of molecules	Indicative concentrations
Metals	In vegetables, muscle, milk, honey and fruit juice all molecules will be present. In fish, at least 4 of the molecules will be present.	
Lead		vegetable: < 500 ppb fish, muscle: < 1 ppm fruit juice, honey, rice: < 300 ppb milk: < 100 ppb
Cadmium		vegetable: < 500 ppb fish, muscle: < 1 ppm fruit juice, honey, rice: < 300 ppb milk: < 100 ppb
Mercury (total)		vegetable: < 500 ppb muscle: < 2 ppm milk: < 100 ppb
Mercury (total) and Methylmercury		fish: < 2 ppm or blank
Arsenic (total)		fish, muscle: < 3 ppm fruit juice: < 1 ppm milk: < 100 ppb
Iron		fruit juice: < 30 ppm
Tin		fruit juice: < 250 ppm
Chromium		fish: < 1 ppm

# Progetto Trieste - Additives 2023 Programme

The quantification is requested. Evaluation will be in z-score terms.

In each participation there are included the evaluations of 2 technicians.

## ROUND of MAY

Shipping date: May 15th 2023. Result submission deadline: June 19th 2023. Final Report available in July 2023.  
Order deadline: March 31st 2023

Analytes	Matrix	Status	Code	Quantity	Euro
Citric acid, Sorbic acid, Benzoic acid	tomato sauce	spiked	VF3207	50g x 1 Test Material	220,00
Red dyes	meat	spiked	M3208	80g x 1 Test Material	290,00

## ROUND of OCTOBER

Shipping date: October 16th 2023. Result submission deadline: November 20th for VF3713, Nov. 10th for M3711 and Nov. 6th for M3712  
Final Report available in January 2023. Order deadline: September 1st 2023

Analytes	Matrix	Status	Code	Quantity	Euro
Nitrates	lettuce <sup>LIO</sup>	spiked/ incurred	VF3713	70g x 1 Test Material	220,00
Nitrates/Nitrites	meat	spiked	M3711	35g x 1 Test Material	220,00
Sulphites	meat	spiked	M3712	35g x 1 Test Material	220,00

Analysis of additives intended to the homogeneity study have been subcontracted.

Test Veritas is responsible of subcontracted activities.

<sup>LIO</sup>Lyophilized material. Quantity regards the final quantity after reconstitution. Instructions for reconstitution will be delivered with the test material.

## TECHNICAL ASPECTS

Each test material may contain one or more substances from the table below.  
It is not requested to research all the molecules of each group.

Category	List of molecules	Indicative concentrations
Nitrates/Nitrites	sodium nitrate, NO <sub>3</sub> <sup>-</sup> sodium nitrite, NO <sub>2</sub> <sup>-</sup>	meat: < 800 ppm vegetables (only nitrate) : < 4000 ppm
Sulphites	sodium sulphite (E221) and potassium sulphite (E225)	meat: < 1000 ppm
Acids	citric acid, sorbic acid, benzoic acid	tomato sauce: < 1000 ppm
Red dyes	Carminic acid (E120), Amaranth (E123), Erythrosin (E127), Ponceau 4R (E124), Red 2G (E129), Allura red (E129)	meat: < 100 ppm

## in 2024

Natamycin	hard cheese	spiked
Sulphites	shrimps <sup>LIO</sup>	spiked

# Progetto Trieste - Mycotoxins and Acrylamide 2023 Programme

Those proficiency tests could distinguish between participations with confirmatory methods (i.e. HPLC, GC) or screening methods (ELISA, RIA, biosensors, microbial inhibition assays, lateral flow, etc...).

For participating with **confirmatory methods** the code is **A** and quantification is requested. Evaluation of performance will be in z-score terms.

For participating with **screening methods** the code is **B** and quantification is optional. Qualitative results will be assessed by dedicated criteria (see *Evaluation Criteria* at [www.testveritas.com](http://www.testveritas.com)).

When the shipment includes **2 test materials**, they are at a different concentration of analyte. The laboratory will receive an evaluation for each test material.

**Each participation includes the evaluations of 2 technicians.**

## ROUND of JUNE (see next page too)

Shipping date: June 19th 2023. Result submission deadline: July 24th 2023. Final Report available in September 2023.

Order deadline: May 5th 2023

Analytes	Matrix	Status	Code	Quantity	Euro
Aflatoxins B/G	pistachio <sup>s</sup>	incurred	N3502	A 55g x 1 Test Material	260,00
				B 55g x 1 Test Material	190,00
Aflatoxins B/G and Ochratoxin A	cocoa <sup>s</sup>	incurred	C3501	A 55g x 1 Test Material	260,00
				B 55g x 1 Test Material	190,00
Ochratoxin A	green coffee <sup>s</sup>	incurred	GC3503	A 55g x 1 Test Material	260,00
				B 55g x 1 Test Material	190,00
Patulin	apple juice (clear)	spiked	VF3505	A 50ml x 1 Test Material	260,00
				B 50ml x 1 Test Material	190,00

Analytes	Matrix	Status	Code	Quantity	Euro
Acrylamide	potato chips	incurred	CH3507	A 40g x 1 Test Material	250,00
				B 20g x 1 Test Material	190,00
Acrylamide	roasted coffee	incurred	RC3508	A 40g x 1 Test Material	250,00
				B 20g x 1 Test Material	190,00
Acrylamide	bread or biscuits	incurred	in 2024		

Analysis of patulin and aflatoxins B&G intended to the homogeneity study have been subcontracted.

<sup>s</sup>Material has been irradiated. The irradiation process has been subcontracted.

Test Veritas is responsible of subcontracted activities.

## TECHNICAL ASPECTS

Each test material may contain one or more substances from the table below.

The proposed concentrations are indicative, specially for incurred matrix (naturally contaminated) with multiple contamination.

It is not requested to research all the molecules of each group.

Category	List of molecules	Indicative concentrations
Aflatoxins B/G	aflatoxins B <sub>1</sub> , B <sub>2</sub> , G <sub>1</sub> , G <sub>2</sub> and/or total aflatoxins	nuts, cocoa: < 40 ppb
Ochratoxin A	ochratoxin A	coffee, cocoa: < 30 ppb
Patulin	patulin	apple juice: < 150 ppb
Acrylamide	acrylamide	potato chips: < 2 ppm roasted coffee: < 0,5 ppm

# Progetto Trieste - Mycotoxins 2023 Programme

Those proficiency tests could distinguish between participations with confirmatory methods (HPLC-GC) or screening methods (ELISA, RIA, biosensors, microbial inhibition assays, lateral flow, etc...).

For participating with **confirmatory methods** the code is **A** and quantification is requested. Evaluation of performance will be in z-score terms.

For participating with **screening methods** the code is **B** and quantification is optional. Qualitative results will be assessed by dedicated criteria (see *Evaluation Criteria* at [www.testveritas.com](http://www.testveritas.com)).

**Each participation includes the evaluations of 2 technicians.**

## ROUND of JUNE (see previous page too)

Shipping date: June 19th 2023. Result submission deadline: July 24th 2023. Final Report available in September 2023.

Order deadline: May 5th 2023

Analytes	Matrix	Status	Code	Quantity	Euro
Aflatoxins B/G Fumonisin Ochratoxin A	maize flour <sup>s</sup>	incurred	MA3500	A 80g x 1 Test Material	420,00
				B 40g x 1 Test Material	370,00
partial participations in MA3500					
Only for the analysis of aflatoxins:			MA3500/Y	A 80g x 1 Test Material	260,00
				B 40g x 1 Test Material	190,00
Only for the analysis of fumonisins:			MA3500/F	A 80g x 1 Test Material	260,00
				B 40g x 1 Test Material	190,00
Only for the analysis of ochratoxin A:			MA3500/O	A 80g x 1 Test Material	260,00
				B 40g x 1 Test Material	190,00
For the analysis of aflatoxins and fumonisins:			MA3500/YF	A 80g x 1 Test Material	330,00
				B 40g x 1 Test Material	250,00
For the analysis of aflatoxins and ochratoxin A:			MA3500/YO	A 80g x 1 Test Material	330,00
				B 40g x 1 Test Material	250,00
For the analysis of fumonisins and ochratoxin A:			MA3500/FO	A 80g x 1 Test Material	330,00
				B 40g x 1 Test Material	250,00
DON and ZON	maize flour <sup>s</sup>	incurred	MA3504	A 55g x 1 Test Material	330,00
				B 55g x 1 Test Material	250,00
partial participations in MA3504					
Only for the analysis of DON:			MA3504/D	A 55g x 1 Test Material	260,00
				B 55g x 1 Test Material	190,00
Only for the analysis of ZON:			MA3504/Z	A 55g x 1 Test Material	260,00
				B 55g x 1 Test Material	190,00
Aflatoxins B/G, DON, ZON, Fumonisin Ochratoxin A (all will be present)	maize flour <sup>s</sup>	incurred	MA3500 + MA3504	A 2 Test Materials	750,00
				B 2 Test Materials	600,00

<sup>s</sup>Analysis of aflatoxins B&G and fumonisins intended to the homogeneity study have been subcontracted.

<sup>s</sup>Material has been irradiated. The irradiation process has been subcontracted.

Test Veritas is responsible of subcontracted activities.

## TECHNICAL ASPECTS

Each test material may contain one or more substances from the table below.

The proposed concentrations are indicative, especially for incurred matrix (naturally contaminated) with multiple contamination.

It is not requested to research all the molecules of each group.

Category	List of molecules	Indicative concentrations
Aflatoxins B/G	aflatoxins B <sub>1</sub> , B <sub>2</sub> , G <sub>1</sub> , G <sub>2</sub> and/or total aflatoxins	maize: < 50 ppb
Fumonisin	fumonisin B <sub>1</sub> , B <sub>2</sub> and/or sum (B <sub>1</sub> +B <sub>2</sub> )	maize: < 6000 ppb
Ochratoxin A	ochratoxin A	maize: < 30 ppb
DON	deoxynivalenol	maize: < 6000 ppb
ZON	zearalenone	maize: < 500 ppb



# Progetto Trieste - Mycotoxins 2023 Programme

## ROUND of OCTOBER

Shipping date: October 16th 2023. Result submission deadline: November 20th 2023. Final Report available in January 2024.  
Order deadline: September 1st 2023

Analytes	Matrix	Status	Code		Quantity	Euro
Aflatoxin M <sub>1</sub>	bovine milk <sup>LUO</sup>	incurred and spiked	MI3600	A	110ml x 2 Test Materials	260,00
				B	20ml x 2 Test Materials	165,00
Aflatoxin M <sub>1</sub>	hard cheese	spiked	CE3601	A	50g x 1 Test Material	290,00
				B	50g x 1 Test Material	195,00
Aflatoxins B/G and Ochratoxin A	dried figs (slurry)	spiked	DF3604	A	55g x 1 Test Material	260,00
				B	55g x 1 Test Material	165,00
Ochratoxin A	cured ham <sup>LUO</sup> or swine liver	incurred and spiked	HC3605	A	55g x 1 Test Material	260,00
				B	55g x 1 Test Material	165,00
Aflatoxins B/G and Ochratoxin A	feed <sup>S</sup>	incurred	F3603	A	55g x 1 Test Material	330,00
				B	55g x 1 Test Material	250,00
partial participations in F3603						
Only for the analysis of aflatoxins B/G: F3603/Y				A	55g x 1 Test Material	260,00
				B	55g x 1 Test Material	190,00
Only for the analysis of Ochratoxin A: F3603/O				A	55g x 1 Test Material	260,00
				B	55g x 1 Test Material	190,00
DON and T-2 & HT-2	wheat <sup>S</sup>	incurred	WH3605	A	55g x 1 Test Material	330,00
				B	55g x 1 Test Material	250,00
partial participations in WH3605						
Only for the analysis of DON: WH3605/D				A	55g x 1 Test Material	260,00
				B	55g x 1 Test Material	190,00
Only for the analysis of T-2 & HT-2: WH3605/T				A	55g x 1 Test Material	260,00
				B	55g x 1 Test Material	190,00
Aflatoxins B/G and Ochratoxin A	red chilli <sup>S</sup>	incurred	SP3602	A	55g x 1 Test Material	260,00
				B	55g x 1 Test Material	190,00
partial participations in SP3602						
Only for the analysis of aflatoxins B/G: SP3602/Y				A	55g x 1 Test Material	200,00
				B	55g x 1 Test Material	150,00
Only for the analysis of Ochratoxin A: SP3602/O				A	55g x 1 Test Material	200,00
				B	55g x 1 Test Material	150,00

Analysis of aflatoxins B&G, T-2 & HT-2 intended to the homogeneity study have been subcontracted.

<sup>S</sup>Material has been irradiated. The irradiation process has been subcontracted.

Test Veritas is responsible of subcontracted activities.

<sup>LUO</sup>Lyophilized material. Quantity regards the final quantity after reconstitution. Instructions for reconstitution will be delivered with the test material.

For participating with confirmatory methods (HPLC, GC) the code is A. Quantification is required.

For participating with screening methods (ELISA, RIA, biosensors, microbial inhibition assay, lateral flow, etc...) the code is B.

### TECHNICAL ASPECTS

Each test material may contain one or more substances from the table below. It is not requested to research all the molecules of each group.

The proposed concentrations are indicative, specially for incurred matrix (naturally contaminated) with multiple contamination.

Milk test materials would contain preservative solutions.

Category	List of molecules	Indicative concentrations
Aflatoxin M <sub>1</sub>	aflatoxin M <sub>1</sub>	milk: < 100 ppt or blank; cheese: < 600 ppt
DON	deoxynivalenol	wheat: < 6000 ppb
T-2 & HT-2	T-2 & HT-2 toxins & as a sum	wheat: < 600 ppb
Ochratoxin A	ochratoxin A	paprika, feed, figs: < 30 ppb; tissues: < 10 ppb
Aflatoxins B/G	aflatoxins B <sub>1</sub> , B <sub>2</sub> , G <sub>1</sub> , G <sub>2</sub> and/or total	feed: < 80 ppb; paprika: < 40 ppb; figs: < 30 ppb

## PROFICIENCY TESTING SCHEMES

— Proficiency Testing Schemes

### PROFICIENCY TESTING SCHEMES >

[CONTROL MATERIALS >](#)

[VALIDATION SERVICE >](#)



### Progetto Trieste - Proficiency Testing Schemes for agri-food sector.

For External Quality Control, Test Veritas offers to its customers the interlaboratory proficiency scheme Progetto Trieste.

The main features of Progetto Trieste are:



### LOGIN

Access to all our services by entering your username and password.

You will be able to:

- Place an order
- Fill out the answer forms.
- View your archive of orders and answers

If you are not subscribed, **subscribe now!** The order will be easier and faster.

USERNAME

PASSWORD

LOGIN

At [www.testveritas.com](http://www.testveritas.com) it is available information about how Progetto Trieste works, advantages, FAQ and examples of Final Report to show elaboration data methods.

After login in the Restricted Web Area it is possible to fill in the on-line order form. On-line order is necessary for the management of the participation.

### ORDER FORM

OTHER CHEMICAL CONTAMINANTS ROUND 2014						
ANALYTES	MATRIX	CODE	Q.TY	PRICE (€)	a) CONTACT NAME b) EMAIL	DATA
pesticides	tomato	VP1480	<input type="text"/>	220.00 €	a)contact name b)email	Initial Date: 13/10/2014 Delivered final report: December 2014
		VP1480blank	<input type="text"/>	50.00 €	a)contact name b)email	Initial Date: 13/10/2014 Delivered final report: December 2014
nitrate and nitrite	swine meat	M1481	<input type="text"/>	220.00 €	a)contact name b)email	Initial Date: 13/10/2014 Delivered final report: December 2014
<input type="checkbox"/> Hardcopy Final Report (€5.00 €)						

1st ROUND-VETERINARY DRUG RESIDUES 2014						
ANALYTES	MATRIX	CODE	Q.TY	PRICE (€)	a) CONTACT NAME b) EMAIL	DATA
tetracyclines and quinolones	eggs	E1410 (A)	<input type="text"/>	360.00 €	a)contact name b)email	Initial Date: 17/03/2014 Delivered final report: June 2014
		E1410 (B)	<input type="text"/>	275.00 €	a)contact name b)email	Initial Date: 17/03/2014 Delivered final report: June 2014
		E1410 (A+B)	<input type="text"/>	600.00 €	a)contact name b)email	Initial Date: 17/03/2014 Delivered final report: June 2014
E1410 partial participation: only tetracyclines	eggs	E1410/T (A)	<input type="text"/>	330.00 €	a)contact name b)email	Initial Date: 17/03/2014 Delivered final report: June 2014
		E1410/T (B)	<input type="text"/>	260.00 €	a)contact name b)email	Initial Date: 17/03/2014 Delivered final report: June 2014
		E1410/T (A+B)	<input type="text"/>	560.00 €	a)contact name b)email	Initial Date: 17/03/2014 Delivered final report: June 2014

# General conditions

## TAX

All prices are excluding VAT, where applicable, and shipment costs.

## PRICE FOR ADDITIONAL MATERIAL :

In case the provided volume is not enough, it is possible to order additional material.

120,00 Euro for codes containing 2 test materials

90,00 Euro for codes containing 1 test material

Laboratories that order additional material will receive double quantity of material.

Additional materials will be sold only in combination with Test Materials. They do not allow to take part into the PT.

## PRICE REDUCTIONS (applicable only to orders placed on-line):

- 5% price reduction for ordering 6 or more Test Materials "A" o "B"

## SHIPPING COST (Euro):

	EU	Europe non-EU	
• <b>for mycotoxin and acrylamide rounds</b>			
bread, chips, cocoa, paprika, cereals, nuts, feed, coffee, milk:	60,00	130,00	Shipping cost for other destinations will be quote on request.
apple juice, cheese:	90,00	130,00	
• <b>for veterinary drug residues rounds</b>			
urine, milk, honey, eggs, tissues, serum:	60,00	130,00	Shipping cost for other destinations will be quote on request.
water:	90,00	130,00	
• <b>for pesticides, metals, additives, histamine and other compounds rounds</b>			
	60,00	130,00	Shipping cost for other destinations will be quote on request.

## INVOICING, PAYMENT CONDITIONS

The performance assessment service will start from the on-line registration to the proficiency program. For this reason the invoice will be issued upon the receipt of your order and has to be paid before the test materials will be shipped.

**Note: in case your invoice is not paid before the test materials are send, your laboratory would be cancelled from the participant's list.**

A fixed bank charge of 20,00 euro will be applied for the orders from all non-EU countries. The orders from non-EU countries would be paid against proforma-invoice; 35,00 euro for the certificate of origin can be charged.

Payment can be made by bank credit transfer. Our bank details will be indicated in the order confirmation and in the invoice.

## JURISDICTION

Any dispute arising from this contract is exclusively competent the Court of Trieste, excluding any competing court. Every business relationship will be settled in Italian language. If there were written communications in English, the only language accepted to the Italian alternative, the interpretation of which was contrary to written communication in Italian always prevail the sense of the latter.

## QUALITY SYSTEM

Proficiency Testing Scheme for mycotoxins and veterinary drug residues, histamine, metals and pesticide residues are UNI CEI EN ISO/IEC 17043:2010 accredited by ACCREDIA (Cert. PTP N. 0008 P) .

Scopes of accreditation are available at [www.accredia.it](http://www.accredia.it).

The meaning of the accreditation and the details of accredited schemes at [www.testveritas.com](http://www.testveritas.com).

Accreditation excludes, in any case, ACCREDIA from any responsibility regarding the offered service.

Progetto Trieste provider, Test Veritas Srl, operates in conformance with UNI EN ISO 9001:2015 (Cert. N. IT12/0502).



PTP N° 0008 P



## RESULTS AND REPORT

Results are returned through Progetto Trieste Restricted Web Area.

**Progetto Trieste**

E1323B-2	RESPONSE	CONCENTRATION CORRECTED FOR RECOVERY* (ug/kg)	DECISION LIMIT CC <sub>g</sub> (ug/kg)	DETECTION CAPABILITY CC <sub>B</sub> (ug/kg)	ISO 17025**
SULFAMETHAZINE	NS	NS	NS	NS	-
SULFADIMETOXINE	NS	NS			
SULFAQUINOXALINE	NS	NS			
SULFAMERAZINE	NS	NS			
SULFADIAZINE	NS	NS			
SULFAMETHOXYPIRIDAZINE	NS	NS			
SULFAMONOMETOXINE	NS	NS			
SULFATHIAZOL	NS	NS			
SULPHONAMIDES GROUP (Choose „GROUP“ if your method does not distinguish the molecules. If possible, indicate in the comments which molecules are included)	NS	NS			

**ANSWER FORM**

Analytical methods used by participants

Methods:  If other, specify:

Is the analytical method a routine one?

Action level  (ug/kg)

Action level (ug/kg)

Specify the concentration above which the material is considered not-compliant

Number of replicates (1 replicate = 1 extraction)

Number of extraction  If other, specify:  (integer value e.g.: 4)

Recovery

Recovery calculated by  If other, specify:

Quality

Quality control implemented  If other, specify:

Reference  If other, specify:

Source of standards for chromatographic analysis

Amount of test for the extraction

Sample volume  (number with one decimal e.g.: 1.1)

Units

Sample treatment

Extraction (SPE or other)  If other, specify:

SPE extraction for liquid samples  If other, specify:

Other extraction  If other, specify:

Digestion  If other, specify:

Clean up (SPE or other)

SPE Clean up  If other, specify:

Other Clean up  If other, specify:

HPLC methodology and conditions

HPLC

Column phase  If other, specify:

Column length (cm)  (number with one decimal e.g.: 1.1)

Column diameter (mm)  (number with one decimal e.g.: 1.1)

Particle size (µm)  (number with one decimal e.g.: 1.1)

Chromatographic column (type)  If other, specify:

Mobil phase  If other, specify:

pH of mobile phase  (number with one decimal e.g.: 1.1)

Flow rate (ml/min)  (number with one decimal e.g.: 1.1)

Post column reagent  If other, specify:

Injection volume (µl)  (number with one decimal e.g.: 1.1)

UV λ (nm)

exc:  (number with one decimal e.g.: 1.1)

em:  (number with one decimal e.g.: 1.1)

GC methodology and conditions

Capillary column length (m)  (number with one decimal e.g.: 1.1)

Film thickness (µm)  (number with one decimal e.g.: 1.1)

Chromatographic column  If other, specify:

Injection volume (µl)  (number with one decimal e.g.: 1.1)

Injection temperature (°C)  (number with one decimal e.g.: 1.1)

Injection procedure  If other, specify:

Oven temperature (°C)  (interval of 2 numbers with no decimal. (es. 50-150))

Please indicate the concentration in relation to reconstitute

RESPONSE: "POS" = ANALYTE DETECTED - "NEG" = ANALYTE NOT DETECTED

\* Please indicate:

- estimated concentration correct with recovery if the compound is not detected;
- "< ..." if the compound is not detected;
- "> ..." if the compound is detected but not quantified;
- "NS" if the compound is not searched.

\*\*Please indicate whether the method used is in the scope of accreditation

Link for consulting performance evaluation criteria. (modified in August 2012)

We cannot be held responsible for errors arising from incorrect data entry

Reports will be available on the website inside the Restricted Web Area archive.  
Participants will be informed by email about the availability of the Final Report.

### ANSWERS ARCHIVE

#### MY ANSWERS

Number of Modules: 60

COMPLETION DATE	IDE. CODE	ANALYSIS DATE	CODE	LABORATORY	ANALYST	LABORATORY CODE	FINAL REPORT
14/03/2014 12:27:49	T6LADD	13/03/2014	M1416(B)	TV - controllo I°r FV	Elena	999	<a href="#">Download Final Report</a>
14/03/2014 12:16:43	ZDYQ88	13/03/2014	M1416(A)	TV - controllo I°r FV	Elena	999	<a href="#">Download Final Report</a>
14/03/2014 12:13:37	G8KFK9	13/03/2014	M1416(B)	TV - controllo I°r FV	Elena	999	<a href="#">Download Final Report</a>
14/03/2014 12:09:48	WHRWKI	13/03/2014	M1416(A)	TV - controllo I°r FV	Elena	999	<a href="#">Download Final Report</a>

### CONFIDENTIALITY OF RESULTS

The identity of participants is confidential: every participating laboratory receives a code.

Only with specific authorization from the participant, the Progetto Trieste Secretariat will disclose all or part of the results/evaluation to third parties. In exceptional circumstances, when a regulatory authority requires proficiency testing results to be directly provided to the authority by the proficiency testing provider, the affected participants shall be notified of this action in writing. The participants' list will be published in the Final Report.

The laboratory that participates to Progetto Trieste PTs undertakes to keep its result secret and to do not share it with other laboratories before the Final Report is issued.

### CONTROL MATERIALS (AFTER PROFICIENCY TEST CONCLUSION)

At the end of the rounds, Test Materials are made available to the participants (until stock lasts) to carry out further investigations or to use them in the control charts of the analytical method. The test materials will be kept for 2 months.

Exceeded this time, where possible they will be accompanied by a datasheet which will establish the deadline.

The recordings of the tests carried out relating to the test materials will be available for 5 years.

Hard-copy reports are available for an additional charge.  
These are sent to participants by post.