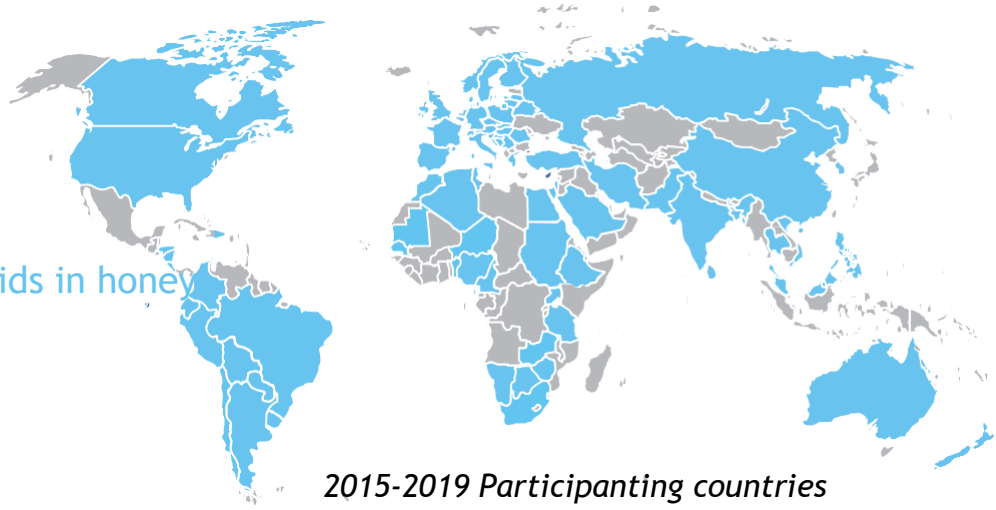


### Highlights:

- alterotoxin in orange
- biogenic amines in tuna
- acrylamide in coffee
- fipronil in eggs
- pyrethroids in fish
- glyphosate and neonicotinoids in honey
- beta-lactams in fish
- avermectins in fish
- promazine in urine
- nitroimidazoles in eggs
- heavy metals in soft drink



### *A better Proficiency Test approach*

TestVeritas 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



## Progetto Trieste

Laboratory Proficiency Testing  
for Food Safety Analysis

21 years of experiences  
65 participating countries

List of ENISO/IEC 17043:2010

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

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

<b>Mycotoxins</b>	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 Alterotoxin	(pages n. 15-17)
<b>Veterinary drug residues</b>	Synthetic steroids RAL Stilbenes $\phi$ t-agonists Ractopamine Corticosteroids Chloramphenicol Tetracyclines Quinolones and fluoroquinolones Nitrofuran metabolites Avermectins Macrolides $\phi$ t-lactams Sulphonamides Coccidiostatics Streptomycin Nitroimidazoles Illegal dyes	(pages n. 3-11)
<b>Histamine and biogenic amines</b>		(page n.7)
<b>Heavy metals</b>	Lead, Cadmium, Mercury, Arsenic	(pages n.12-14)
<b>Pesticides</b>	Fipronil,  Glyphosate, neonicotinicoids, pyrethroids and others pesticides, see the lists on page n.13	(pages n.12-14)
<b>Nitrates</b>		(pages n.12-14)
<b>Acrylamide</b>		(page n.16)

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)).

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 16th 2020. Result submission deadline: April 20th 2020. Final Report available in May 2020.

Order deadline: January 31st 2020

Analytes	Matrix	Status	Code	Quantity	Euro
Chloramphenicol	bovine milk <sup>L10</sup>	spiked	MI2010	A 20ml x 2 Test Materials	330,00
				B 10ml x 2 Test Materials	285,00
Chloramphenicol	bovine or rabbit muscle <sup>L10</sup>	incurred or spiked	M2011	A 20g x 2 Test Materials	330,00
				B 10g x 2 Test Materials	285,00
Tetracyclines and Chloramphenicol	eggs <sup>L10</sup>	incurred or spiked	E2012	A 30g x 2 Test Materials	430,00
				B 15g x 2 Test Materials	325,00
<i>partial participations in E2012</i>					
Only for analysis of Tetracyclines: E2012/T				A 30g x 2 Test Materials	330,00
				B 15g x 2 Test Materials	285,00
Only for analysis of Chloramphenicol: E2012/C				A 30g x 2 Test Materials	330,00
				B 15g x 2 Test Materials	285,00
Tetracyclines and Quinolones/Fluoroquinolones	bovine milk <sup>L10</sup>	incurred or spiked	MI2013	A 20ml x 2 Test Materials	430,00
				B 10ml x 2 Test Materials	325,00
<i>partial participations in MI2013</i>					
Only for analysis of Quinolones/Fluoroquinolones: MI2013/Q				A 20ml x 2 Test Materials	330,00
				B 10ml x 2 Test Materials	285,00
Only for analysis of Tetracyclines: MI2013/T				A 20ml x 2 Test Materials	330,00
				B 10ml x 2 Test Materials	285,00
Nitrofurans metabolites	swine muscle <sup>L10</sup>	incurred or spiked	M2014	A 20g x 2 Test Materials	330,00
				B 10g x 2 Test Materials	285,00

<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, specially 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
Chloramphenicol	chloramphenicol	eggs, milk: < 2 ppb or blank muscle: < 3 ppb or blank
Tetracyclines	oxytetracycline, chlortetracycline, doxycycline, tetracycline and epimers	eggs, milk: < 300 ppb or blank
Quinolones and fluoroquinolones	enrofloxacin, ciprofloxacin, flumequine, marbofloxacin, danofloxacin, sarafloxacin, nalidixic acid, oxolinic acid, norfloxacin	milk: < 200 ppb or blank
Nitrofurans metabolites	AOZ, AMOZ, AHD, SEM	muscle: < 4 ppb or blank

## ROUND of MARCH (see previous page too)

Shipping date: March 16th 2020. Result submission deadline: April 20th 2020. Final Report available in May 2020.

Order deadline: January 31st 2020

Analytes	Matrix	Status	Code	Quantity	Euro
Avermectins	bovine liver <sup>L10</sup>	spiked	L2015	A 20g x 1 Test Material	330,00
				B 10g x 1 Test Material	285,00
Nitrofurans	animal watering water	spiked	WA2016	A 20ml x 2 Test Materials	330,00
				B 10ml x 2 Test Materials	285,00
Macrolides	bovine muscle <sup>L10</sup>	spiked	M2017	A 30g x 1 Test Material	330,00
				B 15g x 1 Test Material	285,00
Quinolones and Fluoroquinolones	eggs <sup>L10</sup>	spiked	E2018	A 30g x 1 Test Material	330,00
				B 15g x 1 Test Material	285,00

<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.

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, 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
Avermectins	ivermectin, abamectin, doramectin, eprinomectin, emamectin, moxidectin	liver: < 200 ppb
Nitrofurans	furazolidone, furaltadone, nitrofurantoin, nitrofurazone	water: < 200 ppb or blank
Macrolides	erythromycin, josamycin, lincomycin, oleandomycin, rifampicin, spiramycin, tilmicosin, tylosin A, tylosin B, virginiamycin	muscle: < 400 ppb
Quinolones and Fluoroquinolones	enrofloxacin, ciprofloxacin, flumequine, marbofloxacin, danofloxacin, sarafloxacin, nalidixic acid, oxolinic acid, norfloxacin	eggs: < 200 ppb

## ROUND of MAY (see next page too)

Shipping date: May 18th 2020. Result submission deadline : June 22nd 2020. Final Report available in July 2020.  
Order deadline: March 20th 2020

Analytes	Matrix	Status	Code	Quantity	Euro	
Synthetic steroids	bovine urine <sup>L10</sup>	incurred or spiked	U2020	A	18ml x 2 Test Materials	380,00
				B	12ml x 2 Test Materials	285,00
RAL	bovine urine <sup>L10</sup>	incurred	U2021	A	18ml x 2 Test Materials	380,00
				B	6ml x 2 Test Materials	285,00
Stilbenes	swine urine <sup>L10</sup>	incurred or spiked	U2022	A	18ml x 2 Test Materials	380,00
				B	6ml x 2 Test Materials	285,00
φ1-agonists (ractopamine included)	bovine urine <sup>L10</sup>	incurred or spiked	U2023	A	18ml x 2 Test Materials	380,00
				B	6ml x 2 Test Materials	285,00
<i>partial participations in U2023</i>						
Only for analysis of φ1-agonists:			U2023/G	A	18ml x 2 Test Materials	330,00
				B	6ml x 2 Test Materials	245,00
Only for analysis of ractopamine:			U2023/R	A	18ml x 2 Test Materials	330,00
				B	6ml x 2 Test Materials	245,00
Corticosteroids	bovine urine <sup>L10</sup>	incurred or spiked	U2024	A	18ml x 2 Test Materials	380,00
				B	6ml x 2 Test Materials	285,00

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**.

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. Some materials could be "blank".

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
Synthetic steroids	17a-19 nortestosterone, 17β-19 nortestosterone, 17a-boldenone, 17 β-boldenone, 17a-trenbolone, 17β-trenbolone, methyltestosterone, stanozolol	urine: < 6 ppb or blank
RAL	zeranol, taleranol	
Stilbenes	diethylstilbestrol (cis-DES and trans-DES), hexestrol, dienestrol	
φ1-agonists	clenbuterol, salbutamol, terbutaline	
Ractopamine	ractopamine	
Corticosteroids	dexamethasone, betamethasone, flumethasone, prednisolone, prednisone	

## ROUND of MAY (see previous page too)

Shipping date: May 18th 2020. Result submission deadline: June 22nd 2020 and June 10th for  $\phi$ -lactams.  
Final Report available in July 2020. Order deadline: March 20th 2020

Analytes	Matrix	Status	Code	Quantity	Euro
Avermectins $\phi$ -lactams	bovine milk <sup>LIO</sup>	spiked	MI2025	A 20ml x 2 Test Materials	430,00
				B 10ml x 2 Test Materials	325,00
<i>partial participations in MI2025</i>					
		Only for analysis of avermectins:	MI2025/I	A 20ml x 2 Test Materials	330,00
				B 10ml x 2 Test Materials	285,00
		Only for analysis of $\phi$ -lactams:	MI2025/L	A 20ml x 2 Test Materials	330,00
				B 10ml x 2 Test Materials	285,00
Sulphonamides	bovine milk <sup>LIO</sup>	spiked	MI2026	A 20ml x 2 Test Materials	330,00
				B 10ml x 2 Test Materials	285,00
Nitroimidazoles	eggs <sup>LIO</sup>	spiked	E2027	A 30g x 1 Test Material	330,00
				B 15g x 1 Test Material	285,00
$\phi$ -lactams	bovine muscle <sup>LIO</sup>	spiked	M2029	A 20g x 1 Test Material	330,00
				B 10g x 1 Test Material	285,00

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.

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.

The proposed concentrations are indicative, specially 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
$\phi$ -lactams	penicillin V, penicillin G, amoxicillin, ampicillin, cloxacillin, cefapirin, cefalexin, cefazolin	milk: < 60 ppb or blank muscle: < 300 ppb
Sulphonamides	sulfamethazine, sulfadimethoxine, sulfaquinoxaline, sulfamerazine, sulfadiazine, sulfamethoxypyridazine, sulfamonomoxine, sulfathiazole	milk: < 400 ppb or blank
Nitroimidazoles	dimetridazole, metridazole, ipronidazole, ronidazole	eggs: < 6 ppb



## ROUND of SEPTEMBER

Shipping date: September 14th 2020. Result submission deadline: October 19th 2020. Final Report available in November 2020.  
Order deadline: July 24th 2020

Analytes	Matrix	Status	Code	Quantity	Euro	
<b>Histamine (2 levels)</b>	<b>tuna</b> <sup>L10</sup>	<b>incurred</b>	<b>T2030H</b>	<b>A</b>	<b>50g x 2 Test Materials</b>	<b>295,00</b>
				<b>B</b>	<b>50g x 2 Test Materials</b>	<b>215,00</b>
<b>Histamine (2 levels) and other biogenic amines</b>	<b>tuna</b> <sup>L10</sup>	<b>incurred</b>	<b>T2030BAI</b>	<b>A</b>	<b>50g x 2 Test Materials</b>	<b>385,00</b>
				<b>B</b>	<b>50g x 2 Test Materials</b>	<b>290,00</b>
<i>In the PT T2030BAI you will receive 2 evaluations for histamine at different levels of concentration and 1 evaluation for the others biogenic amines.</i>						

Analysis of biogenic amines (excluded histamine) 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**.

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.

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
Histamine	histamine	tuna: 50 ppm < Level 1 < 350 ppm Level 2 < 350 ppm or blank
Biogenic amines	histamine, cadaverine, putrescine, spermidine, spermine, tyramine, B.A.I. (Biogenic Amine Index)	tuna: < 400 ppm

## ROUND of SEPTEMBER

Shipping date: September 14th 2020. Result submission deadline: October 19th 2020. Final Report available in November 2020.  
Order deadline: July 24th 2020

Analytes	Matrix	Status	Code	Quantity	Euro
Quinolones and fluoroquinolones	bovine muscle <sup>L10</sup>	spiked	M2031	A 20g x 2 Test Materials	330,00
				B 10g x 2 Test Materials	285,00
Tetracyclines	bovine muscle <sup>L10</sup>	spiked	M2032	A 20g x 2 Test Materials	330,00
				B 10g x 2 Test Materials	285,00
Sulphonamides	swine muscle <sup>L10</sup>	incurred or spiked	M2033	A 20g x 2 Test Materials	330,00
				B 10g x 2 Test Materials	285,00
Chloramphenicol	fish and shrimps <sup>L10</sup>	spiked	FI+SH 2034	A 20g x 2 Test Materials	330,00
				B 10g x 2 Test Materials	285,00
Nitrofurans metabolites	fish and shrimps <sup>L10</sup>	spiked	FI+SH 2035	A 20g x 2 Test Materials	330,00
				B 10g x 2 Test Materials	285,00
Quinolones and fluoroquinolones	fish <sup>L10</sup>	spiked	FI2036	A 20g x 1 Test Material	330,00
				B 10g x 1 Test Material	285,00
Tetracyclines	fish <sup>L10</sup>	spiked	FI2037	A 20g x 1 Test Material	330,00
				B 10g x 1 Test Material	285,00
Illegal dyes	fish <sup>L10</sup>	spiked	FI2038	A 20g x 2 Test Materials	330,00
				B 10g x 2 Test Materials	285,00
Avermectins	fish <sup>L10</sup>	spiked	FI2039	A 20g x 1 Test Materials	330,00
				B 10g x 1 Test Materials	285,00

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.

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.

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
Quinolones and fluoroquinolones	enrofloxacin, ciprofloxacin, flumequine, marbofloxacin, danofloxacin, sarafloxacin, nalidixic acid, oxolinic acid, norfloxacin	muscle: < 800 ppb or blank fish: < 800 ppb
Tetracyclines	oxytetracycline, chlortetracycline, doxycycline, tetracycline and epimers	muscle: < 400 ppb or blank fish: < 400 ppb
Sulphonamides	sulfamethazine, sulfadimethoxine, sulfaquinoxaline, sulfamerazine, sulfadiazine, sulfamethoxypyridazine, sulfamonomethoxine, sulfathiazole	muscle: < 300 ppb or blank
Chloramphenicol	chloramphenicol	fish and shrimps: < 2 ppb or blank
Nitrofurans 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	fish: < 8 ppb or blank
Avermectins	ivermectin, abamectin, doramectin, eprinomectin, emamectin, moxidectin	fish: < 300 ppb



## ROUND of NOVEMBER (see next page too)

Shipping date: November 16th 2020. Result submission deadline: December 21st 2020 and December 11th for  $\phi$ -lactams.  
Final Report available in January 2021. Order deadline: October 9th 2020

Analytes	Matrix	Status	Code	Quantity	Euro	
$\phi$ -agonists (ractopamine included)	bovine liver <sup>L10</sup>	incurred or spiked	L2040	A	20g x 2 Test Materials	360,00
				B	10g x 2 Test Materials	285,00
<i>partial participations in L2040</i>						
		Only for analysis of $\phi$ -agonists:	L2040/G	A	20g x 2 Test Materials	330,00
				B	10g x 2 Test Materials	260,00
		Only for analysis of ractopamine:	L2040/R	A	20g x 2 Test Materials	330,00
				B	10g x 2 Test Materials	260,00
Corticosteroids	bovine liver <sup>L10</sup>	incurred or spiked	L2041	A	20g x 2 Test Materials	330,00
				B	10g x 2 Test Materials	285,00
Tetracyclines	bovine or swine liver <sup>L10</sup>	incurred or spiked	L2045	A	20g x 1 Test Material	330,00
				B	10g x 1 Test Material	285,00
Macrolides	eggs <sup>L10</sup>	spiked	E2046	A	30g x 1 Test Material	330,00
				B	15g x 1 Test Material	285,00
$\phi$ -lactams	fish <sup>L10</sup>	spiked	FI2047	A	20g x 1 Test Material	330,00
				B	10g x 1 Test Material	285,00
Promazines (qualitative evaluation)	bovine urine <sup>L10</sup>	spiked	U2048		10ml x 1 Test Material	330,00
Coccidiostatics	chicken muscle <sup>L10</sup>	spiked	M2049	A	20g x 1 Test Material	330,00
				B	10g x 1 Test Material	285,00

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

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.

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
$\phi$ -agonists	clenbuterol, salbutamol, terbutaline	liver: < 7 ppb or blank
Ractopamine	ractopamine	
Corticosteroids	dexamethasone, betamethasone, flumethasone, prednisolone, prednisone	liver: < 8 ppb or blank
Tetracyclines	oxytetracycline, chlortetracycline, doxycycline, tetracycline and epimers	liver: < 500 ppb
Macrolides	erythromycin, josamycin, lincomycin, oleandomycin, rifampicin, spiramycin, tilmicosin, tylosin A, tylosin B, virginiamycin	eggs: < 300 ppb
$\phi$ -lactams	penicillin V, penicillin G, amoxicillin, ampicillin, cloxacillin, cefapirin, cefalexin, cefazolin	fish: < 300 ppb or blank
Promazines	promazine, acetylpromazine, chlorpromazine, propionylpromazine, trifluorpromazina	urine: < 80 ppb
Coccidiostatics	nicarbazin, robenidine, salinomycin, lasalocid, narasin, maduramycin, monensin, clopidol, diclazuril	muscle: < 80 ppb

# Progetto Trieste - Veterinary Drug Residues 2020 Programme

## ROUND of NOVEMBER (see previous page too)

Shipping date: November 16th 2020. Result submission deadline: December 11th 2020  
Final Report available in January 2021. Order deadline: October 9th 2020

Analytes	Matrix	Status	Code	Quantity	Euro
Sulphonamides and Chloramphenicol	light honey	spiked	H2042	A 30g x 2 Test Materials	430,00
				B 10g x 2 Test Materials	325,00
<i>partial participations in H2042</i>					
Only for analysis of sulphonamides: H2042/S				A 30g x 2 Test Materials	330,00
				B 10g x 2 Test Materials	245,00
Only for analysis of chloramphenicol: H2042/C				A 30g x 2 Test Materials	330,00
				B 10g x 2 Test Materials	245,00
Quinolones and Fluoroquinolones	light honey	spiked	H2043	A 30g x 1 Test Material B 10g x 1 Test Material	330,00 245,00
Tylosin	light honey	spiked	H2044	A 30g x 1 Test Material B 10g x 1 Test Material	330,00 245,00

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.

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, 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
Sulphonamides	sulfamethazine, sulfadimethoxine, sulfaquinoxaline, sulfamerazine, sulfadiazine, sulfamethoxyipyridazine, sulfamonometoxine, sulfathiazole	honey: < 100 ppb or blank
Chloramphenicol	chloramphenicol	honey: < 3 ppb or blank
Quinolones and Fluoroquinolones	enrofloxacin, ciprofloxacin, flumequine, marbofloxacin, danofloxacin, sarafloxacin, nalidixic acid, oxolinic acid, norfloxacin	honey: < 100 ppb
Tylosin	tylosin A, tylosin B	honey: < 100 ppb

## Further Proficiency Testing ... in 2021

We want to evidence you in this preview some proficiency testing that were not present in the 2020 programme but will be present in 2021.

### ROUND OF MARCH 2021

Analytes	Matrix
In this round there will be proposed similar codes to the ones proposed in 2020 and in addition:	
<b>Nitrofurans metabolites</b>	<b>eggs</b>
<b>Chloramphenicol</b>	<b>eggs</b>
<b>Avermectins</b>	<b>muscle</b>
<i>and much more....</i>	

### ROUND OF SEPTEMBER 2021

Analytes	Matrix
In this round there will be proposed similar codes to the ones proposed in 2020 and in addition:	
<b>Sulphonamides</b>	<b>fish or shrimps</b>
<b>Cocciostatics</b>	<b>eggs</b>
<i>and much more....</i>	

### ROUND OF NOVEMBER 2021

Analytes	Matrix
In this round there will be proposed similar codes to the ones proposed in 2020 and in addition:	
<b>Sulphonamides</b>	<b>liver</b>
<b>Tetracyclines</b>	<b>honey</b>
<b>Nitrofurans metabolites</b>	<b>honey</b>
<b>Streptomycin</b>	<b>honey</b>
<i>and much more....</i>	

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

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

## ROUND of OCTOBER

Shipping date: October 19th 2020. Result submission deadline: November 23rd 2020 and November 16th for honey.  
Final Report available in January 2021. Order deadline: September 18th 2020

Analytes	Matrix	Status	Code	Quantity	Euro
<b>Pesticides</b>	<b>rocket</b> <sup>L10</sup> (rucola)	<b>spiked</b>	<b>VF2070</b>	<b>60g x 1 Test Material</b>	<b>220,00</b>
<b>Heavy Metals</b>	<b>rocket</b> <sup>L10</sup> (rucola)	<b>spiked</b>	<b>VF2074</b>	<b>50g x 1 Test Material</b>	<b>220,00</b>
<b>Nitrates</b>	<b>rocket</b> <sup>L10</sup>	<b>spiked/incurred</b>	<b>VF2078</b>	<b>70g x 1 Test Material</b>	<b>220,00</b>
<i>Combined orders</i>					
For orders of 2 of the above codes:				2 Test Materials	300,00
For orders of 3 of the above codes:				3 Test Materials	350,00
Pesticides (blank sample)	<b>rocket</b> <sup>L10</sup> (rucola)	blank	VF2070blank	60g x 1 Test Material	50,00

<b>Pesticides (piretroids and others)</b>	<b>fish</b> <sup>L10</sup>	<b>spiked</b>	<b>FI2071</b>	<b>50g x 1 Test Material</b>	<b>220,00</b>
<b>Heavy Metals</b>	<b>fish</b> <sup>L10</sup>	<b>spiked</b>	<b>FI2076</b>	<b>50g x 1 Test Material</b>	<b>220,00</b>
<i>Combined orders</i>					
For orders of 2 of the above codes:				2 Test Materials	300,00
Pesticides (blank sample)	fish <sup>L10</sup>	blank	FI2071blank	50g x 1 Test Material	50,00

<b>Pesticides (fipronil and others)</b>	<b>eggs</b> <sup>L10</sup>	<b>spiked</b>	<b>E2072</b>	<b>40g x 1 Test Material</b>	<b>220,00</b>
Pesticides (blank sample)	eggs <sup>L10</sup>	blank	E2072blank	40g x 1 Test Material	50,00

<b>Pesticides (Glyphosate and Neonicotinoids)</b>	<b>honey</b>	<b>spiked</b>	<b>H2073</b>	<b>35g x 1 Test Material</b>	<b>400,00</b>
<i>parzial participation in H2073</i>					
Only for analysis of glyphosate:			H2073/G	35g x 1 Test Material	220,00
Only for analysis of neonicotinoids:			H2073/N	35g x 1 Test Material	220,00
Pesticides (blank sample)	honey	blank	H2073blank	35g x 1 Test Material	50,00

<b>Heavy Metals</b>	<b>bovine liver</b> <sup>L10</sup>	<b>spiked</b>	<b>L2075</b>	<b>40g x 1 Test Material</b>	<b>220,00</b>
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<b>Heavy Metals</b>	<b>soft drink</b>	<b>spiked</b>	<b>SD2077</b>	<b>50ml x 1 Test Material</b>	<b>220,00</b>
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Analysis of pesticides, heavy metals, nitrate 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 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 rocket	<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 e 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 Cimosaxony, Cypermethrin (sum of constituent isomers), Cyproconazole, Cyprodinil, Cyromazine, Cumaphos, Demeton-s-methyl, Demeton-S-methyl-sulfon, Desmethyl-pirimicarb, Diafenthiuron, Diazinon, Dichlorvos, Dicloran, Dicofof, Diclobutrazol, Dicrotophos, Dieldrin, Diethofencarb, Difenoconazole, Diflubenzuron, Dimethenamid, Dimethoato, 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, Hexaconazole, Ethiofencarb, Etofenprox, Ethion, Ethirimol, Ethoprophos, Etoxazole, Etrimfos, 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, Flutriafof, Fluvalinate (tau), Fosetyl-AI (sum of fosetyl, phosphonic acid and their salts, expressed as fosetyl), Fosetyl (ethyl hydrogen phosphonate), Phosphorous acid and its salts expressed as phosphorous acid, Formothion, Fosthiazate, Fuberidazole, Flufenacet, Fosfamidon, Furathiocarb, HCB (hexachlorobenzene), HCH-A (alpha hexachlorocyclohexane), Heptachlor, Heptachlor-epoxide (cis e trans), Heptachlor (sum of heptachlor and heptachlor epoxide expressed as heptachlor) Heptenophos, Hexaconazole, Haloxyfop-2 ethoxyethyl, Haloxyfop-p-methyl, Hexythiazox, Imazalil, Imidacloprid, Indoxacarb, Iprodion, Iprovalicarb, Isofenphos-ethyl, Isofenphos-methyl, Isoprotruron, Isoxaben, Kresoxim-methyl, Lenacil, Linuron, Lufenuron, Malaaxon, Malathion, Mandipropamid, Mecarbam, Mepanipyrim, Metalaxyl, Methamidophos, Metamitron, Metconazole, Metazachlor, Methiocarb, Methiocarb sulfoxide, Methomyl, Methoxychlor, Methoxyfenozone, Metolachlor, Metrafenone, Metribuzin, Mevinphos, Monocrotophos, Monolinuron, Myclobutanil, Nuarimol, Omethoate Oxadiazon, Oxadixyl, Oxamyl, Oxyfluorfen, Oxycarboxin, Oxydemeton-methyl, Paclobutrazol, Pencycuron, Penconazole, Pendimethalin, Permethrin, Phenthoate, 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, Prosulfofocarb, 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, Tricyclazole, Trichlorphon, Triadimefon, Trifloxystrobin, Triflumuron, Trifluralin, Triticonazole, Vamidotin, Vinclozolin, Zoxamide.</p> <p>(8 molecules will be present)</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>(4 molecules will be present). In eggs fipronil will be present. In fish, at least one piretroid will be present.</p>	< 300 ppb
Pesticides in honey	<p>clothianidin e thiamethoxam, imidacloprid, acetamiprid, thiacloprid, glyphosate</p> <p>(glyphosate and one neonicotinoide will be present)</p>	

## TECHNICAL ASPECTS

Each test material may contain one or more substances from the table below. Some materials could be “blank”.  
It is not requested to research all the molecules of each group.

Category	List of molecules	Indicative concentrations
Nitrate	sodium nitrate, NO <sub>3</sub> <sup>-</sup>	rocket: < 6000 ppm
Heavy metals	Lead	rocket: < 800 ppb fish and liver: < 1 ppm soft drink: < 500 ppb
	Cadmium	rocket: < 8000 ppb fish and liver: < 1 ppm soft drink: < 500 ppb
	Mercury (total)	rocket: < 800 ppb liver: < 2 ppm soft drink: < 500 ppb
	Mercury and Methylmercury	fish: < 2 ppm
	Arsenic (total)	fish, liver and soft drink: < 2 ppm
	In rocket, liver and soft drink all molecules will be present. In fish, at least 4 of the molecules will be present.	



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)).

When the shipment includes **2 test materials**, the laboratory will receive an evaluation for each test material.

## ROUND of JUNE (see next page too)

Shipping date: June 15th 2020. Result submission deadline: July 20th 2020. Final Report available in September 2019.

Order deadline: April 24th 2020

Analytes	Matrix	Status	Code	Quantity	Euro
<b>Aflatoxins B/G Fumonisin Ochratoxin A</b>	<b>maize flour<sup>s</sup></b>	<b>incurred</b>	<b>MA2050</b>	<b>A</b> 80g x 1 Test Material	<b>420,00</b>
				<b>B</b> 40g x 1 Test Material	<b>370,00</b>
<i>partial participations in MA2050</i>					
	Only for the analysis of aflatoxins:		MA2050/Y	<b>A</b> 80g x 1 Test Material <b>B</b> 40g x 1 Test Material	260,00 190,00
	Only for the analysis of fumonisins:		MA2050/F	<b>A</b> 80g x 1 Test Material <b>B</b> 40g x 1 Test Material	260,00 190,00
	Only for the analysis of ochratoxin A:		MA2050/O	<b>A</b> 80g x 1 Test Material <b>B</b> 40g x 1 Test Material	260,00 190,00
	For the analysis of aflatoxins and fumonisins:		MA2050/YF	<b>A</b> 80g x 1 Test Material <b>B</b> 40g x 1 Test Material	330,00 250,00
	For the analysis of aflatoxins and ochratoxin A:		MA2050/YO	<b>A</b> 80g x 1 Test Material <b>B</b> 40g x 1 Test Material	330,00 250,00
	For the analysis of fumonisins and ochratoxin A:		MA2050/FO	<b>A</b> 80g x 1 Test Material <b>B</b> 40g x 1 Test Material	330,00 250,00
<b>DON and ZON</b>	<b>maize flour<sup>s</sup></b>	<b>incurred</b>	<b>MA2051</b>	<b>A</b> 55g x 1 Test Material	<b>330,00</b>
				<b>B</b> 55g x 1 Test Material	<b>250,00</b>
<i>partial participations in MA2051</i>					
	Only for the analysis of DON:		MA2051/D	<b>A</b> 55g x 1 Test Material <b>B</b> 55g x 1 Test Material	260,00 190,00
	Only for the analysis of ZON:		MA2051/Z	<b>A</b> 55g x 1 Test Material <b>B</b> 55g x 1 Test Material	260,00 190,00
<b>Aflatoxins B/G, DON, ZON, Fumonisin Ochratoxin A</b> <i>(all will be present)</i>	<b>maize flour<sup>s</sup></b>	<b>incurred</b>	<b>MA2050 + MA2051</b>	<b>A</b> 2 Test Materials	<b>750,00</b>
				<b>B</b> 2 Test Materials	<b>600,00</b>

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, 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	maize: < 60 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

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)).

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 JUNE (see previous page too)

Shipping date: June 15th 2020. Result submission deadline: July 20th 2020. Final Report available in September 2019.

Order deadline: April 24th 2020

Analytes	Matrix	Status	Code		Quantity	Euro
Aflatoxins B/G	peanuts <sup>S</sup>	incurred	N2052	A	50g x 1 Test Material	260,00
				B	50g x 1 Test Material	190,00
Ochratoxin A	green coffee <sup>S</sup> and cocoa <sup>S</sup>	incurred	GC+C 2053	A	55g x 2 Test Materials	260,00
				B	55g x 2 Test Materials	190,00
Patulin	apple juice (clear)	spiked	VF2054	A	50ml x 1 Test Material	260,00
Ochratoxin A	wine	spiked	W2055	A	50ml x 1 Test Material	260,00
				B	20ml x 1 Test Material	190,00
Acrylamide	roasted coffee	incurred	RC2056	A	40g x 2 Test Material	250,00
				B	20g x 2 Test Material	190,00

Analysis of patuline 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: < 40 ppb
Ochratoxin A	ochratoxin A	coffee, cocoa: < 30 ppb wine: < 8 ppb
Patulin	patulin	apple juice: < 150 ppb
Acrylamide	acrylamide	roasted coffee: < 1 ppm

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

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

For participation 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 OCTOBER

Shipping date: October 19th 2020. Result submission deadline: November 23rd 2020. Final Report available in January 2021.

Order deadline: September 18th 2020

Analytes	Matrix	Status	Code		Quantity	Euro
Aflatoxin M <sub>1</sub>	bovine milk <sup>L10</sup>	incurred and spiked	MI2060	A	110ml x 2 Test Materials	260,00
				B	20ml x 2 Test Materials	165,00
Aflatoxins B/G	feed <sup>S</sup>	incurred	F2061	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	WH2062	A	55g x 1 Test Material	330,00
				B	55g x 1 Test Material	250,00
<i>partial participations in WH2062</i>						
Only for the analysis of DON: WH2062/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: WH2062/T				A	55g x 1 Test Material	260,00
				B	55g x 1 Test Material	190,00
Aflatoxins B/G and Ochratoxin A	paprika <sup>S</sup>	incurred	SP2063	A	55g x 1 Test Material	260,00
				B	55g x 1 Test Material	190,00
Aflatoxins B/G and Ochratoxin A	dried figs (water/fruit slurry)	spiked	DF2064	A	55g x 1 Test Material	260,00
				B	55g x 1 Test Material	190,00
Alterotoxins	orange <sup>L10</sup>	spiked	VF2065	A	30g x 1 Test Material	260,00
				B	10g x 1 Test Material	190,00

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

### TECHNICAL ASPECTS

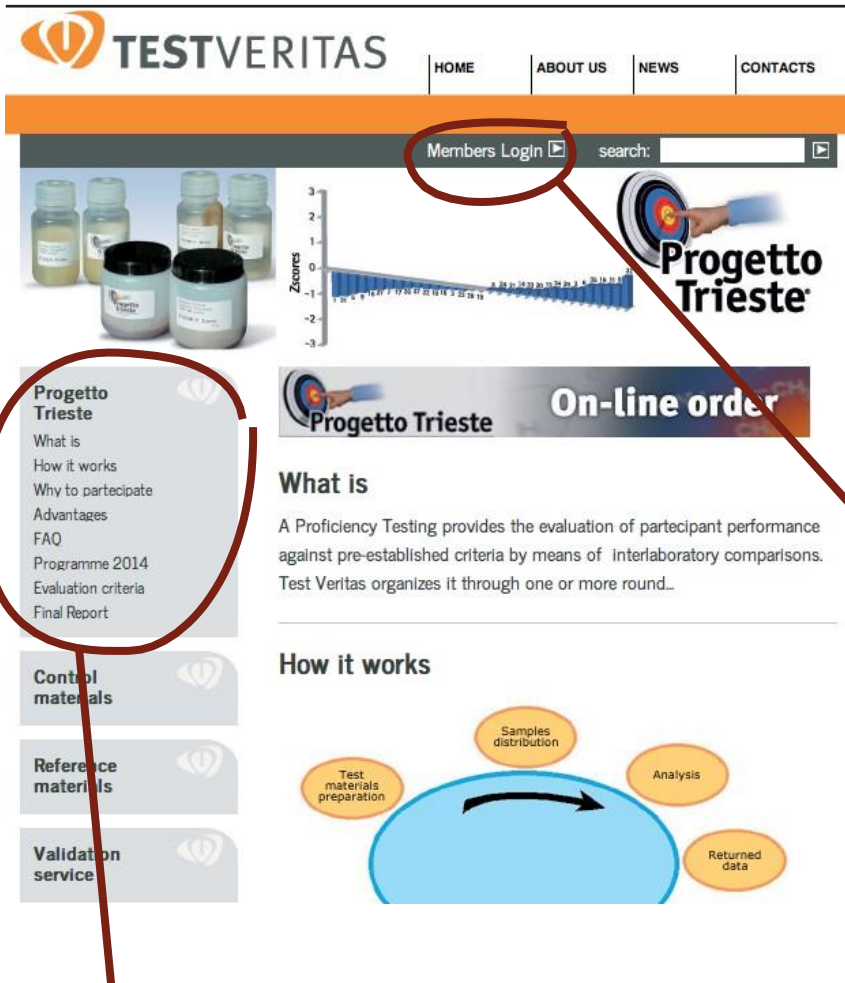
Each test material may contain one or more substances from the table below.

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

Milk test materials would contain preservative solutions.

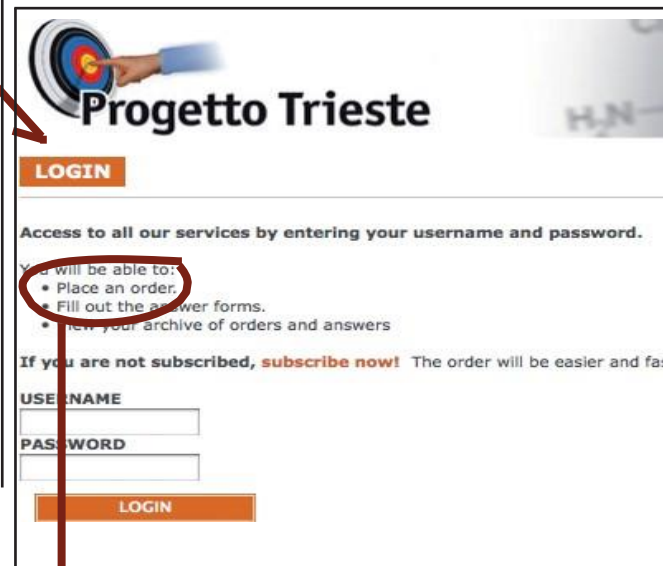
It is not requested to research all the molecules of each group.

Category	List of molecules	Indicative concentrations
Aflatoxin M <sub>1</sub>	aflatoxin M <sub>1</sub>	milk: < 100 ppt or blank
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: < 30 ppb; figs: < 50 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: < 50 ppb
Alterotoxins	alternariol, alternariol-methyleter, altenuene, tentoxin, tenuazonic acid	orange: < 100 ppb



The screenshot shows the TESTVERITAS website with a navigation menu (HOME, ABOUT US, NEWS, CONTACTS) and a search bar. A red circle highlights the 'Members Login' button. Below the navigation is a banner for 'Progetto Trieste On-line order'. A sidebar on the left contains a menu with items like 'What is', 'How it works', 'Why to participate', 'Advantages', 'FAQ', 'Programme 2014', 'Evaluation criteria', and 'Final Report'. A central diagram illustrates the 'How it works' process: Test materials preparation, Samples distribution, Analysis, and Returned data.

Progetto Trieste has a Restricted Web Area for participants at [www.testveritas.com](http://www.testveritas.com).



The screenshot shows the login form with fields for 'USE NAME' and 'PASWORD', and a 'LOGIN' button. A red circle highlights the 'Place an order' option in the user benefits list.

After login in the Restricted Web Area it is possible to fill in the on-line order form.

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.

OTHER CHEMICAL CONTAMINANTS ROUND 2014						
ANALYTES	MATRIX	CODE	Q.TY	PRICE (C)	a) CONTACT NAME b) EMAIL	DATA
pesticides	tomato	VF1480	<input type="text"/>	220.00 €	a)contact name b)email	Initial Date: 13/10/2014 Delivered final report: December 2014
		VF1480/blank	<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 (65.00 €)						
1st ROUND-VETERINARY DRUG RESIDUES 2014						
ANALYTES	MATRIX	CODE	Q.TY	PRICE (C)	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

## 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 "A" or "B" Test Materials

Purchase of "additional material" does not allow to take part into the performance assessment.

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

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

## SHIPPING COST (Euro):

- **for mycotoxin rounds**

	EU	Europe non-EU	
cereals, nuts, feed, coffee, milk:	60,00	130,00	Shipping cost for other destinations will be
apple juice, dried figs, wine:	90,00	130,00	quote on request.

- **for veterinary drug residues rounds**

	EU	Europe non-EU	
urine, milk, honey, eggs, tissue:	60,00	130,00	Shipping cost for other destinations will be
water:	90,00	130,00	quote on request.

- **for pesticides, heavy metals, nitrates, histamine and other compounds rounds**

	EU	Europe non-EU	Shipping cost for other destinations will be
	60,00	130,00	quote on request.

## INVOICING, PAYMENT CONDITIONS

The performance assessment service will start from the 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 material will be shipped.

**Note: in case your invoice is not paid before the test materials are sent, 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 and pesticide residues are UNI CEI EN ISO/IEC 17043:2010 accredited by ACCREDIA (Cert. PTP N. 0008).

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).



## 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>0</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			
SULFAMONOMETHOXINE	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?  
If other, specify: \_\_\_\_\_

Action level  
Action level (µg/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  
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  
If other, specify: \_\_\_\_\_

Sample treatment  
Extraction (SPE or other)  
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)  
ex:  
(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 reconstituted material  
RESPONSE: "POS" = ANALYTE DETECTED - "NEG" = ANALYTE NOT DETECTED

\* Please indicate:  
• estimated concentration correct with recovery if the compound is 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

COMPILED 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 <sup>tr</sup> FV	Elena	999	<a href="#">Download Final Report</a>
14/03/2014 12:16:43	ZDYQ88	13/03/2014	M1416(A)	TV - controllo I <sup>tr</sup> FV	Elena	999	<a href="#">Download Final Report</a>
14/03/2014 12:13:37	G8KFK9	13/03/2014	M1416(B)	TV - controllo I <sup>tr</sup> FV	Elena	999	<a href="#">Download Final Report</a>
14/03/2014 12:09:49	WHRWKI	13/03/2014	M1416(A)	TV - controllo I <sup>tr</sup> FV	Elena	999	<a href="#">Download Final Report</a>

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

### 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.

### 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 2 years.