

# PROGRAMMA E MODULO D'ORDINE FAPAS

## APRILE 2012 – MARZO 2013

Si invita a leggere attentamente tutte le note riportate nel presente documento. FAPAS® non si ritiene responsabile in caso di eventuali errori o dimenticanze all'atto della compilazione del modulo.

### 1. Si prega di compilare lo schema di seguito riportato con tutte le informazioni richieste:

Nome del responsabile dell'iscrizione:		Telefono aziendale:	
Nome Azienda/Ente:		Fax aziendale:	
Indirizzo di spedizione:		Email aziendale:	
Città:		Numero PIVA:	
		Codice fiscale	
Codice postale:		Telefono diretto:	
Paese:		Email diretta	

#### Note

- a) L'indirizzo riportato sarà impiegato per tutte le spedizioni
- b) Le caselle postali non possono essere utilizzate per la consegna dei campioni.
- c) **Si prega di indicare se l'indirizzo di fatturazione è diverso da quello di consegna**

- 
- d) Si prega di indicare eventuali nomi/indirizzi email a cui inviare i campioni dei circuiti e le relative comunicazioni

### 2. Indicare tramite ✓ i circuiti a cui si intende partecipare.

- a) Si prega di fare riferimento all'indice per meglio localizzare i circuiti di interesse
- b) E' possibile richiedere l'iscrizione ad un circuito, salvo raggiungimento del limite massimo di partecipanti, fino a 14 gg. precedenti la data di inizio
- c) La data di consegna è indicata *a latere* di ogni circuito. Eventuali modifiche/ritardi verranno notificate all'indirizzo email fornito al momento dell'iscrizione. La chiusura del circuito avviene normalmente dopo 6-8 settimane dalla data di invio del campione.
- d) Si prega di indicare un nome ed un indirizzo per ciascun circuito richiesto. In caso contrario verrà impiegato il contatto riportato nella tabella precedente.
- e) Per ogni circuito viene indicata la quantità indicativa di campione fornita per ogni circuito. Qualora fosse necessario, è possibile richiedere delle quantità aggiuntive di campione. Per il campione addizionale, viene applicato un costo extra (si veda a proposito il listino prezzi)
- f) Il campione addizionale non determina la produzione di un ulteriore z-score. Per l'assegnazione di un ulteriore z-score, è necessario effettuare un ulteriore iscrizione al medesimo circuito.
- g) I campioni di prova vengono inviati via posta, ad eccezione dei campioni contrassegnati dalla lettera F. La consegna tramite corriere comporta un costo aggiuntivo (si veda a proposito il listino prezzi)

### 3. Fornire un nr.d'ordine e firmare la sottoscrizione delle condizioni di partecipazione

Accetto di partecipare al programma FAPAS® e sottoscrivo le condizioni contrattuali (*FERA Standard Terms and Conditions for Proficiency Testing Schemes*) riportate sul sito [www.fapas.com](http://www.fapas.com)

Numero d'ordine:		Numero totale di circuiti richiesti:	
Firma		Data:	

FAPAS® 2012-13 (Dettagli di contatto, ordine e modulo d'iscrizione) – Rev: 20111116

Inviare il presente modulo sottoscritto per accettazione a: STAR ECOTRONICS SRL – via Ascanio Sforza 87 – 20141 Milano tel: 0039 02 89540225 fax 0039 02 87285338 email: [info@starecotronics.it](mailto:info@starecotronics.it)

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## Note

- a) Non verranno accettati moduli privi di firma per accettazione
- b) Se entro 30 gg dalla data di invio del modulo non viene ricevuta la conferma di iscrizione da parte di Fapas, si prega di darne immediata comunicazione a Star Ecotronics
- c) Il pagamento deve essere effettuato esclusivamente dopo la ricezione della fattura. La fattura conterrà tutti i dettagli necessari per l'effettuazione del pagamento.
- d) La fattura verrà emessa in corrispondenza del mese relativo alla prima spedizione. Ciò significa che alcuni circuiti verranno pagati anticipatamente.

## 4. Si prega di restituire la seguente copia completata e firmata a:

indirizzo	STAR ECOTRONICS – VIA ASCANIO SFORZA 87 – 20141 MILANO PIVA E CF: 08890210159
Tel:	02 89540225
Fax:	02 87285338
email:	<a href="mailto:info@starecotronics.it">info@starecotronics.it</a>

## Note

- a) Conservare una copia del presente ordine.
- b) Si prega di non mandare due copie del presente ordine, ma di conservare sempre la conferma di avvenuta ricezione.

## 5. Note aggiuntive:

### i. Spedizione

- a) Come sopra indicato i test marcati con la lettera 'F' sono inviati automaticamente tramite corriere. Questo viene fatto per ridurre i tempi di consegna. Alcuni circuiti prevedono la spedizione in ghiaccio per minimizzare ampie fluttuazioni di temperatura. In questi casi la spedizione non avviene tramite veicoli refrigerati. Anche se i campioni non arrivano refrigerati, lo sono stati per la maggior parte del transito, per cui possono essere utilizzati per l'analisi.
- b) Si prega di avvisare STAR ECOTRONICS qualora il campione non arrivasse entro 10 gg. dalla data di spedizione. In questo caso sarà nostra cura inoltrare un secondo set di campioni.
- c) FAPAS® manderà all'indirizzo email indicato al momento dell'iscrizione il Airway Bill Number relativo alla presa del corriere. Il messaggio email conterrà un link al sito del corriere dove si potrà effettuare la ricerca della spedizione.
- d) Gli Airway Bill Numbers saranno disponibili anche sul sito FAPAS®.
- e) E' responsabilità del partecipante monitorare lo stato della spedizione ed informare STAR ECOTRONICS in caso di problemi nella consegna.

### ii. Importazione / Dogane

- a) FAPAS® non si ritiene responsabile in caso di danno o smarrimento dei campioni di prova a causa dei dazi d'importazione o per problemi in dogana.
- b) Se necessitano permessi speciali per l'importazione all'interno del proprio stato di alcuni tipi di campioni di prova, si prega di darne pronta comunicazione al momento dell'iscrizione o almeno tre settimane prima della data di spedizione.
- c) I certificati fitosanitari vengono forniti ove richiesto. Per questo servizio viene applicato un costo extra.
- d) I partecipanti hanno circa 6 settimane dalla spedizione del campione per inoltrare i risultati. Per alcune analisi il tempo è ridotto a causa della deperibilità del campione. Questi test sono sempre indicati nel programma.

### iii. Report

- a) Nei costi di partecipazione è incluso l'invio del report elettronico dei risultati all'attenzione del responsabile del laboratorio ed all'operatore che ha effettuato l'analisi.
- b) Può essere indicato un ulteriore contatto per la ricezione del report. Si prega di indicarlo al momento

FAPAS® 2012-13 (Dettagli di contatto, ordine e modulo d'iscrizione) – Rev: 20111116

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dell'ordine.

- c) I Report sono normalmente disponibili sul sito [www.fapas.com](http://www.fapas.com) entro 5 settimane dalla data di chiusura del test.
- d) I report sono in formato pdf e contengono firma digitale. Per aprire questi file è necessario avere installato Acrobat Reader versione 7 o versioni superiori.
- e) Sono disponibili copie stampate in originale per ciascuno dei report. Questo è un servizio aggiuntivo per cui viene applicato un costo addizionale. I report stampati vengono spediti per posta solo dopo che il file viene pubblicato sul sito [www.fapas.com](http://www.fapas.com)

**COSTI DI CANCELLAZIONE:** Le partecipazioni cancellate con meno di un mese di preavviso vengono fatturate a prezzo pieno. Le partecipazioni cancellate con più di un mese di preavviso vengono fatturate ad un prezzo pari al 50% del prezzo di listino, o vengono sostituite con la partecipazione ad un altro ring test.

**Modalità di pagamento prescelta (indicare con una X)**

Ricevuta bancaria

BANCA \_\_\_\_\_

AGENZIA \_\_\_\_\_

ABI \_\_\_\_\_

CAB \_\_\_\_\_

CIN \_\_\_\_\_

IBAN (OBBLIGATORIO) \_\_\_\_\_

Bonifico Bancario

appoggiare il bonifico a :

CREDITO ARTIGIANO AG. 4 MILANO

COD.ABI 03512

COD.CAB 01604

C/C 75382

IBAN IT14E0351201604000000075382

SI PREGA DI NON INVIARE IL PAGAMENTO FINO A FATTURAZIONE AVVENUTA.

LA FATTURA DEVE ESSERE SALDATA ENTRO 30 GG DALLA SUA EMISSIONE

In caso di mancato pagamento non verranno mandati i report contenenti i risultati

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Si invita a leggere attentamente tutte le note riportate nel presente documento. FAPAS non può essere considerato responsabile della scorretta compilazione del modulo di iscrizione.

### Note

- a) Indicare con ✓ il test richiesto.
- b) Dare un unico contatto (nome ed indirizzo email) per l'invio del campione per l'analisi.
- c) Richiedere un campione extra se la quantità indicata del campione per l'analisi dovesse essere considerata insufficiente. L'invio di due campioni non dà diritto a due z-score.

### Nutritional Components

dispatch date	test details				place order		
	code	matrix	analyte	approx. quantity	✓	sample contact name & email	extra TMs
12/04/2012	0179	canned meat	moisture, ash, total fat, nitrogen, sodium & chloride	150 g			
13/06/2012	0180	canned meat meal	moisture, ash, total fat, nitrogen, sodium & chloride	150 g			
23/08/2012	0181	canned meat	moisture, ash, total fat, nitrogen, hydroxyproline	150 g			
17/10/2012	0182	canned meat	moisture, ash, total fat, nitrogen, hydroxyproline	150 g			
04/01/2013	0183	canned meat meal	moisture, ash, total fat, nitrogen, sodium, chloride, total sugars	150 g			
27/02/2013	0184	canned meat	moisture, ash, total fat, nitrogen, sodium, chloride	150 g			
02/05/2012	2446	wheat flour	moisture at 130°C, ash, nitrogen & total dietary fibre by AOAC	150 g			
07/06/2012	2447	porridge oats	moisture at 130°C, ash, total fat, nitrogen, total dietary fibre by AOAC & NSP fibre by Englyst	150 g			
16/08/2012	2448	bread	sodium,	50 g			
27/09/2012	2449	cereal	moisture at 130°C, ash, nitrogen & total dietary fibre by AOAC	150 g			
31/01/2013	2450	breadcrumbs	moisture, ash, nitrogen, starch & total dietary fibre by AOAC	150 g			
24/05/2012	2598	corn/maize snack food	moisture, ash, total fat, nitrogen, sodium & chloride	50 g			
03/07/2012	2599	fish paste	moisture, ash, total fat, nitrogen, sodium & chloride	150 g			
01/08/2012	25100	canned fish	total volatile basic nitrogen (TVB-N)	150 g			
30/08/2012	25101	condensed milk	moisture, ash, total fat, nitrogen & total sugars	150 mL			
29/10/2012	25102 <sup>F</sup>	chocolate	moisture, total fat, butyric acid, lactose & sucrose	150 g			
16/11/2012	25103	milk powder	moisture, ash, total fat, nitrogen, titratable acidity & lactose	50 g			
25/01/2013	25104	infant formula	moisture, ash, total fat, nitrogen & lactose	50 g			
13/02/2013	25105	cheese & pasta meal	moisture, ash, total fat, nitrogen, sodium & chloride	100 g			
26/02/2013	25106 <sup>F</sup>	butter	moisture, total fat, non-fat solids, pH & chloride	200 g			
20/03/2013	25107	canned fish	total volatile basic nitrogen (TVB-N)	150 g			

### Footnotes

total sugars = that measured by a defined titration method (e.g. Layne-Eynon, Luff-Schoorl, Munson Walker) or, if measured by HPLC, the sum of fructose, glucose, sucrose, lactose, galactose and maltose (NB not all sugars may be present)

<sup>F</sup> test incurs courier charges

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**Acrylamide / Melamine / 3-MCPD**

dispatch date	test details				place order		
dd/mm/yyyy	code	matrix	analyte	approx. quantity	✓	sample contact name & email	extra TMs
18/04/2012	3034	milk powder	melamine & cyanuric acid (low levels, <5 mg/kg)	50 g			
10/07/2012	3035	crispbread	acrylamide	50 g			
26/09/2012	3036	animal feed	melamine & cyanuric acid	50 g			
19/10/2012	3037	biscuits	acrylamide	50 g			
21/02/2013	3038	milk powder	melamine and cyanuric acid (> 5mg/kg)	50 g			
25/05/2012	2633	soy sauce	3-MCPD & 1,3 DCP	40 g			
20/09/2012	2634	refined palm oil	esters of 3-MCPD	50 mL			
09/01/2013	2634	hydrolysed vegetable protein	3-MCPD & 1,3 DCP	40 g			
14/03/2013	2635	soy sauce	3-MCPD & 1,3 DCP	40 g			

**Honey**

dispatch date	test details				place order		
dd/mm/yyyy	code	matrix	analyte	approx. quantity	✓	sample contact name & email	extra TMs
17/07/2012	2824 <sup>F</sup>	honey	moisture, fructose, glucose, sucrose, hydroxymethylfurfural (HMF) & diastase	100 g			
15/01/2013	2825 <sup>F</sup>	honey <sup>a</sup>	fructose, glucose, sucrose, hydroxymethylfurfural (HMF) & diastase	100 g			

Footnotes

<sup>F</sup> test incurs courier charges

<sup>a</sup> this test material may be adulterated honey

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**Authenticity**

dispatch date	test details				place order		
dd/mm/yyyy	code	matrix	analyte	approx. quantity	✓	sample contact name & email	extra TMs
13/04/2012	2945 <sup>D</sup>	chicken	adulteration/contamination (presence/absence) of matrix with one or more from: beef, lamb or pork	30 g			
19/07/2012	2946 <sup>D</sup>	lamb	adulteration/contamination (presence/absence) of matrix with one or more from: beef, chicken or pork	30 g			
18/09/2012	2947 <sup>F</sup>	fish	identification of unknown fish (3 samples) selected from the following list: <i>Gadus morhua</i> , (Linnaeus 1758) <i>Limanda limanda</i> , (Linnaeus 1758) <i>Melanogrammus aeglefinus</i> , (Linnaeus 1758) <i>Merluccius merluccius</i> , (Linnaeus 1758) <i>Hippoglossus hippoglossus</i> , (Linnaeus 1758) <i>Pleuronectes platessa</i> , (Linnaeus 1758) <i>Pollachius virens</i> , (Linnaeus 1758) <i>Merlangius merlangus</i> , (Linnaeus 1758)	3 x 10 g			
04/12/2012	2948 <sup>F</sup>	processed food	adulteration/contamination (presence/absence) of matrix (2 samples) with pork	2 x 30 g			
15/02/2013	2949 <sup>D</sup>	beef	adulteration/contamination (presence/absence) of matrix with one or more from: chicken, lamb or pork	30 g			

**Nitrate & Nitrite**

dispatch date	test details				place order		
dd/mm/yyyy	code	matrix	analyte	approx. quantity	✓	sample contact name & email	extra TMs
25/04/2012	1580 <sup>o</sup>	meat	nitrate & nitrite	25 g			
18/06/2012	1581 <sup>F</sup>	cabbage purée	nitrate	70 g			
13/08/2012	1582 <sup>F</sup>	lettuce purée	nitrate	70 g			
12/10/2012	1583 <sup>o</sup>	milk powder	nitrate & nitrite (low level)	40 g			
16/11/2012	1584 <sup>o</sup>	meat	nitrate & nitrite	25 g			
24/01/2013	1585 <sup>o</sup>	feeding stuff	nitrite	40 g			
12/02/2013	1586 <sup>F</sup>	spinach purée	nitrate	70 g			
25/03/2013	1587 <sup>o</sup>	meat	nitrate & nitrite	25 g			

Footnotes

<sup>D</sup> freeze dried matrix, to be reconstituted (by participants) prior to testing

<sup>F</sup> test incurs courier charges

<sup>o</sup> test has a shortened timescale

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## Veterinary Drug Residues

We intend to use material containing *incurred* residues wherever possible.

Refer to the lists below this table for details of potential residues in tests where only general categories are stated.

Please note that there is a proficiency test for trifluralin in fish muscle, test 0588.

dispatch date	test details				place order		
	code	matrix	analyte	approx. quantity	✓	sample contact name & email	extra TMs
16/04/2012	02185 <sup>Fφ</sup>	fish muscle	leucomalachite green & total malachite green	20 g			
01/05/2012	02186 <sup>F#</sup>	honey	tetracyclines	20 g			
15/05/2012	02187 <sup>Fφ</sup>	prawns	chloramphenicol	20 g			
29/05/2012	02188 <sup>Fφ#</sup>	pig kidney	sulfonamides	20 g			
25/06/2012	02189 <sup>Fφ#</sup>	fish muscle	quinolones & fluoroquinolones	20 g			
09/07/2012	02190 <sup>Fφ#</sup>	corned beef	ivermectins	20 g			
30/07/2012	02191 <sup>Fφ#</sup>	pig liver	β-agonists	20 g			
06/08/2012	02192 <sup>Fφ</sup>	honey	chloramphenicol	20 g			
20/08/2012	02193 <sup>Fφ#</sup>	bovine muscle	tetracyclines	20 g			
04/09/2012	02194 <sup>Fφ</sup>	fish muscle (oily fish)	leucomalachite green & total malachite green	20 g			

### Footnotes

<sup>F</sup> test incurs courier charges

<sup>#</sup> test includes identification and quantification of analytes, see List A, below

<sup>φ</sup> test has a shortened timescale

Potential veterinary drug residues in tests where only general categories are stated – List A.

<b>tetracyclines</b>	chlortetracycline (total), doxycycline, oxytetracycline (total), tetracycline (total)
<b>nitrofurans</b>	AHD (bound), AHD (total), AOZ (bound), AOZ (total), AMOZ (bound), AMOZ (total), SEM (bound), SEM (total)
<b>sulfonamides</b>	sulfachloropyridazine, sulfadiazine, sulfadimethoxine, sulfadimidine (sulfamethazine), sulfadoxine, sulfaguanidine, sulfamerazine, sulfamethizole, sulfamethoxazole, sulfamethoxyipyridazine, sulfamonmethoxine, sulfamoxole, sulphanilamide, sulfapyridine, sulfaquinoxaline, sulfathiazole, sulfisoxazole
<b>quinolones &amp; fluoroquinolones</b>	flumequine, nalidixic acid, oxolinic acid, ciprofloxacin, danofloxacin, difloxacin, enrofloxacin, marbofloxacin, norfloxacin, sarafloxacin
<b>ivermectins</b>	abamectin, doramectin, emamectin, eprinomectin, ivermectin, moxidectin
<b>β-agonists</b>	brombuterol, cimaterol, cimbuterol, clenbuterol, clenpenterol, hydroxyclenbuterol, mabuterol, mapenterol, ractopamine, salbutamol, salmeterol, terbutaline, tulobuterol, zilpaterol
<b>synthetic hormones</b>	α-boldenone, methylboldenone, diethylstilbestrol (DES), dienestrol, hexoestrol, methyltestosterone, α-nortestosterone, stanozolol, 16β-hydroxystanozolol, trenbolone, zeranol
<b>nonsteroidal anti-inflammatory drugs (NSAIDs)</b>	diclofenac, 5-hydroxyflunixin, ibuprofen, meloxicam, naproxen, phenylbutazone
<b>coccidiostats</b>	decoquinat, diclazuril, halofuginone, lasalocid, maduramycin, monensin, narasin, DNC, robenidine, salinomycin, semduramycin, toltrazuril sulfone
<b>anthelmintics</b>	albendazole sulfone, albendazole-2-amino-sulfone, albendazole sulfoxide, total albendazole sulfone, closantel, fenbentel, fenbendazole, oxfendazole, oxfendazole sulfone, total oxfendazole sulfone, flubendazole, levamisole, mebendazole, hydroxymebendazole, mebendazole amine, total mebendazole, nitroxylnil, thiabendazole, triclabendazole, triclabendazole sulfone, triclabendazole sulfoxide, ketotriclabendazole, total triclabendazole sulfone
<b>thyrostats</b>	6-methyl-2-thiouracil, dimethylthiouracil, ethylthiouracil, methimazole, mercaptobenzimidazole, tapazole, thiouracil, methylthiouracil, phenylthiouracil, propylthiouracil
<b>beta-lactams</b>	amoxicillin, ampicillin, benzylpenicillin (Penicillin G), Penicillin V, cloxacillin, dicloxacillin, nafcillin, oxacillin, cefalexin, cefalonium, cefapirin, desacetylcefapirin, cefazolin cefoperazone, cefquinome

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## Veterinary Drug Residues (continued)

We intend to use material containing *incurred* residues wherever possible.

Refer to the lists below this table for details of potential residues in tests where only general categories are stated.

Please note that there is a proficiency test for trifluralin in fish muscle, test 0588.

dispatch date	test details				place order		
	code	matrix	analyte	approx. quantity	✓	sample contact name & email	extra TMs
25/09/2012	02195 <sup>F#</sup>	honey	sulfonamides	20 g			
08/10/2012	02196 <sup>F#</sup>	bovine milk	NSAIDs (nonsteroidal anti-inflammatory drugs)	20 mL			
30/10/2012	02197 <sup>F#</sup>	chicken muscle	coccidiostats	20 g			
06/11/2012	02198 <sup>F#</sup>	chicken eggs	nitrofurans metabolites	20 g			
27/11/2012	02199 <sup>F#</sup>	bovine urine	synthetic hormones & thyrostats	25 mL			
08/01/2013	02200 <sup>F#</sup>	chicken eggs	quinolones & fluoroquinolones	20 g			
29/01/2013	02201 <sup>F#</sup>	prawns	nitrofurans metabolites	20 g			
11/02/2013	02202 <sup>F#</sup>	bovine milk	chloramphenicol & thiamphenicol	20 mL			
05/03/2013	02204 <sup>F#</sup>	bovine milk	anthelmintics	20 mL			
26/03/2013	02205 <sup>F#</sup>	bovine milk	beta-lactams (penicillins & cephalosporins) & dihydrostreptomycin	40 mL			

### Footnotes

<sup>F</sup> test incurs courier charges

<sup>#</sup> test includes identification and quantification of analytes, see List A, below

<sup>◊</sup> test has a shortened timescale

Potential veterinary drug residues in tests where only general categories are stated – List A.

<b>tetracyclines</b>	chlortetracycline (total), doxycycline, oxytetracycline (total), tetracycline (total)
<b>nitrofurans</b>	AHD (bound), AHD (total), AOZ (bound), AOZ (total), AMOZ (bound), AMOZ (total), SEM (bound), SEM (total)
<b>sulfonamides</b>	sulfachloropyridazine, sulfadiazine, sulfadimethoxine, sulfadimidine (sulfamethazine), sulfadoxine, sulfaguanadine, sulfamerazine, sulfamethizole, sulfamethoxazole, sulfamethoxy-pyridazine, sulfamonomethoxine, sulfamoxole, sulphaniilamide, sulfapyridine, sulfaquinoxaline, sulfathiazole, sulfisoxazole
<b>quinolones &amp; fluoroquinolones</b>	flumequine, nalidixic acid, oxolinic acid, ciprofloxacin, danofloxacin, difloxacin, enrofloxacin, marbofloxacin, norfloxacin, sarafloxacin
<b>avermectins</b>	abamectin, doramectin, emamectin, eprinomectin, ivermectin, moxidectin
<b>β-agonists</b>	bromobutanol, cimaterol, cimbuterol, clenbuterol, clenpenterol, hydroxyclenbuterol, mabuterol, mapenterol, ractopamine, salbutamol, salmeterol, terbutaline, tulobuterol, zilpaterol
<b>synthetic hormones</b>	α-boldenone, methylboldenone, diethylstilbestrol (DES), dienestrol, hexoestrol, methyltestosterone, α-nortestosterone, stanozolol, 16β-hydroxystanozolol, trenbolone, zeranol
<b>nonsteroidal anti-inflammatory drugs (NSAIDs)</b>	diclofenac, 5-hydroxyflunixin, ibuprofen, meloxicam, naproxen, phenylbutazone
<b>coccidiostats</b>	decoquinat, dicaluril, halofuginone, lasalocid, maduramycin, monensin, narasin, DNC, robenidine, salinomycin, semduramycin, toltrazuril sulfone
<b>anthelmintics</b>	albendazole sulfone, albendazole-2-amino-sulfone, albendazole sulfoxide, total albendazole sulfone, closantel, fenbentel, fenbendazole, oxfendazole, oxfendazole sulfone, total oxfendazole sulfone, flubendazole, levamisole, mebendazole, hydroxymebendazole, mebendazole amine, total mebendazole, nitroxylin, thiabendazole, triclabendazole, triclabendazole sulfone, triclabendazole sulfoxide, ketotriclabendazole, total triclabendazole sulfone
<b>thyrostats</b>	6-methyl-2-thiouracil, dimethylthiouracil, ethylthiouracil, methimazole, mercaptobenzimidazole, tapazole, thiouracil, methylthiouracil, phenylthiouracil, propylthiouracil
<b>beta-lactams</b>	amoxicillin, ampicillin, benzylpenicillin (Penicillin G), Penicillin V, cloxacillin, dicloxacillin, nafcillin, oxacillin, cefalexin, cefalonium, cefapirin, desacetylcefapirin, cefazolin cefoperazone, cefquinome

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## Feeding Stuffs

Please note that there are further proficiency tests in the Programme with feeding stuffs as the matrix:  
04197, 04204, 04207, 17120, 2288, 2289, 2291 & 3036.

dispatch date	test details				place order		
dd/mm/yyyy	code	matrix	analyte	approx. quantity	✓	sample contact name & email	extra TMs
17/05/2012	10101	dairy ration	moisture, ash, total oil, protein & crude fibre	150 g			
17/05/2012	10102	dairy ration	iron, lead, magnesium, manganese & selenium	150 g			
28/06/2012	10103	sheep feed	moisture, ash, total oil, protein & copper	150 g			
06/09/2012	10104	pig ration	moisture, ash, total oil, protein, crude fibre, vitamin E & zinc	150 g			
09/11/2012	10105	poultry ration	moisture, ash, total oil, protein & crude fibre	150 g			
09/11/2012	10106	poultry ration	starch, total sugars, calcium & phosphorus	150 g			
14/02/2013	10107	premix	calcium, manganese, magnesium, phosphorus, sodium & zinc	150 g			
14/02/2013	10108	premix	vitamin A, D <sub>3</sub> , E	150 g			

## Allergens

EXCEPT for histamine & sulphites tests (which are designed primarily for HPLC based methods), results will be grouped and assessed according to the brand of ELISA kit used. Thus limited data may preclude assessment of small categories.

dispatch date	test details				place order		
dd/mm/yyyy	code	matrix	analyte	approx. quantity	✓	sample contact name & email	extra TMs
13/04/2012	27103 <sup>§</sup>	infant soya formula	milk	2 x 20 g			
03/05/2012	27104 <sup>§</sup>	cake mix	egg, egg white protein	2 x 20 g			
30/05/2012	27105	canned fish	histamine (high level)	145 g			
27/06/2012	27106 <sup>§</sup>	infant soya formula	gluten	2 x 20 g			
27/07/2012	27107 <sup>§</sup>	chocolate	peanut, peanut protein	2 x 20 g			
02/08/2012	27108 <sup>§</sup>	infant soya formula	milk	2 x 20 g			
24/08/2012	27109 <sup>§</sup>	cake mix	gluten	2 x 20 g			
05/09/2012	27110	canned fish	histamine (low level)	145 g			

### Footnotes

total sugars = that measured by a defined titration method (e.g. Layne-Eynon, Luff-Schoorl, Munson Walker) or, if measured by HPLC, the sum of fructose, glucose, sucrose, lactose, galactose and maltose (NB not all sugars may be present)

<sup>§</sup> two test materials supplied and both qualitative & quantitative results can be submitted

# PROGRAMMA E MODULO D'ORDINE FAPAS APRILE 2012 – MARZO 2013

## Allergens (continued)

EXCEPT for histamine & sulphites tests (which are designed primarily for HPLC based methods), results will be grouped and assessed according to the brand of ELISA kit used. Thus limited data may preclude assessment of small categories.

dispatch date	test details				place order		
dd/mm/yyyy	code	matrix	analyte	approx. quantity	✓	sample contact name & email	extra TMs
21/09/2012	27111 <sup>§</sup>	chocolate	hazelnut, hazelnut protein	2 x 20 g			
23/10/2012	27112 <sup>F</sup>	jam	sulphites	20 g			
31/10/2012	27113 <sup>‡</sup>	cake mix	gluten, milk and egg	30 g			
21/11/2012	27114 <sup>§</sup>	wheat flour	soya, soya protein	2 x 20 g			
02/01/2013	27115 <sup>♦</sup>	chocolate	contamination (presence/absence) of matrix with one or more from the following list: <i>Almond, (Amygdalus communis L.)</i> <i>Hazelnut, (Corylus avellana)</i> <i>Walnut, (Juglans regia)</i> <i>Cashew, (Anacardium occidentale)</i> <i>Pecan nut, (Carya illinoensis (Wangenh.) K. Koch)</i> <i>Brazil nut, (Bertholletia excels)</i> <i>Pistachio nut, (Pistacia vera)</i> <i>Macadamia / Queensland nut (Macadamia ternifolia)</i>	50 g			
07/02/2013	27116	canned fish	histamine (high level)	145 g			
07/03/2013	27117 <sup>§</sup>	chocolate	almond, almond protein	2 x 20 g			

## Environmental Contaminants

dispatch date	test details				place order		
dd/mm/yyyy	code	matrix	analyte	approx. quantity	✓	sample contact name & email	extra TMs
20/04/2012	0651	palm oil	PAHs	30 mL			
02/10/2012	0652 <sup>F</sup>	smoked meat product	PAHs	50 g			
07/02/2013	0653	olive oil	all 16 EU priority PAHs	30 mL			

### Footnotes

<sup>§</sup> two test materials supplied and both qualitative & quantitative results can be submitted

<sup>‡</sup> both qualitative & quantitative results can be submitted

<sup>♦</sup> qualitative assessment only

<sup>F</sup> test incurs courier charges

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**Migration – Overall & Specific**

dispatch date	test details				place order		
dd/mm/yyyy	code	matrix	analyte	approx. quantity	✓	sample contact name & email	extra TMs
26/04/2012	1144	nylon film	overall migration into ethanol by total immersion	40 cm x 22 cm			
08/11/2012	1145	plastic film	overall migration into olive oil by total immersion	40 cm x 22 cm			
21/06/2012	1250 <sup>B</sup>	food stimulant (oil)	phthalates	2 x 50 mL			
19/07/2012	1251	food simulant (3% w/v acetic acid in water)	melamine	50 mL			
15/08/2012	1252	food simulant (50% w/v ethanol)	bisphenol A	50 mL			
06/09/2012	1253	food stimulant (3% w/v acetic acid in water)	formaldehyde	50 mL			
23/11/2012	1254	food simulant (3% w/v acetic acid in water)	total primary aromatic amines	>300 mL			
28/02/2013	1255 <sup>B</sup>	food stimulant (oil)	photo initiators	2 x 50 mL			

**Nutritional Elements**

dispatch date	test details				place order		
dd/mm/yyyy	code	matrix	analyte	approx. quantity	✓	sample contact name & email	extra TMs
04/04/2012	1867	canned meat	calcium, phosphorus & zinc (all natural levels)	150 g			
05/07/2012	1868	breakfast cereal	calcium, iron & zinc (fortified)	50 g			
14/11/2012	1869	milk powder	calcium, iodine & selenium (all natural levels)	50 g			
22/02/2013	1870	energy drink	iron, magnesium, manganese, potassium, selenium (all natural levels)	50 g			

Footnotes

<sup>B</sup> includes blank matrix

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## Mycotoxins – Aflatoxins

Tests **04192**, **04201**, **04204** and **04209** are intended for laboratories using ELISA kits to screen samples. The levels of the various toxins in the test material will reflect this.

dispatch date	test details				place order		
dd/mm/yyyy	code	matrix	analyte	approx. quantity	✓	sample contact name & email	extra TMs
11/04/2012	04192	maize	aflatoxin B <sub>1</sub> , DON, ZON & OTA	150 g			
24/04/2012	04193 <sup>F</sup>	pistachio (water/nut slurry)	aflatoxins B & G &/or total	100 g			
10/05/2012	04194	maize	aflatoxins B & G &/or total	55 g			
18/05/2012	04195	milk powder	aflatoxin M <sub>1</sub>	55 g			
20/06/2012	04196	chilli powder	aflatoxins B & G &/or total	55 g			
04/07/2012	04197	animal feed (cereal based)	aflatoxins B & G &/or total	55 g			
25/07/2012	04198	peanut	aflatoxins B & G &/or total	55 g			
07/08/2012	04199	infant food	contamination of matrix with one or more from the following list: aflatoxins B & G &/or total, OTA, ZON, DON, FB <sub>1</sub> & FB <sub>2</sub> & total fumonisins (as a sum of FB <sub>1</sub> & FB <sub>2</sub> )	150 g			
21/08/2012	04200 <sup>F</sup>	almond (water/nut slurry)	aflatoxins B & G &/or total	100 g			
07/09/2012	04201	maize	aflatoxin B <sub>1</sub> , DON, ZON & OTA	150 g			
26/09/2012	04202	milk powder	aflatoxin M <sub>1</sub>	55 g			
16/10/2012	04203 <sup>F</sup>	hazelnut (water/nut slurry)	aflatoxins B & G &/or total	100 g			
24/10/2012	04204	animal feed (cereal based)	contamination of matrix with one or more from the following list: aflatoxin B <sub>1</sub> , OTA, ZON & DON	150 g			
07/11/2012	04205	maize	aflatoxins B & G &/or total	55 g			
28/11/2012	04206	mixed spice	aflatoxins B & G &/or total	55 g			
07/12/2012	04207	animal feed (cereal based)	aflatoxins B & G &/or total	55 g			
08/01/2013	04208 <sup>F</sup>	pistachio (water/nut slurry)	aflatoxins B & G &/or total	100 g			
23/01/2013	04209	maize	aflatoxin B <sub>1</sub> , DON, ZON & OTA	150 g			
31/01/2013	04210	rice	aflatoxins B & G &/or total	55 g			
08/02/2013	04211	peanut	aflatoxins B & G &/or total	55 g			
25/02/2013	04212 <sup>F</sup>	dried figs (water/fruit slurry)	aflatoxins B & G &/or total	100 g			
23/03/2013	04213	milk powder	aflatoxin M <sub>1</sub>	55 g			

### Footnotes

<sup>F</sup> test incurs courier charges

**PROGRAMMA E MODULO D'ORDINE FAPAS  
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**Mycotoxins – Patulin**

dispatch date	test details				place order		
dd/mm/yyyy	code	matrix	analyte	approx. quantity	✓	sample contact name & email	extra TMs
19/06/2012	1647 <sup>F</sup>	apple juice (clear)	patulin	50 mL			
18/09/2012	1648 <sup>F</sup>	apple purée	patulin	60 g			
19/02/2013	1649 <sup>F</sup>	apple juice (cloudy)	patulin	50 mL			

**Mycotoxins – Ochratoxin A**

Please note that there are further proficiency tests in the Programme that may contain OTA: 04199, 04201, 04204, 04209.

dispatch date	test details				place order		
dd/mm/yyyy	code	matrix	analyte	approx. quantity	✓	sample contact name & email	extra TMs
04/05/2012	17111	wheat flour	ochratoxin A	55 g			
29/05/2012	17112 <sup>F</sup>	dried vine fruit (water/fruit slurry)	ochratoxin A	100 g			
06/07/2012	17113	barley flour	ochratoxin A	55 g			
09/08/2012	17114	green coffee	ochratoxin A	55 g			
13/09/2012	17115	paprika	ochratoxin A	55 g			
26/10/2012	17116	instant coffee	ochratoxin A	55 g			
04/12/2012	17117	wine	ochratoxin A	55 mL			
10/01/2013	17118	maize flour	ochratoxin A	55 g			
08/02/2013	17119	roasted coffee	ochratoxin A	55 g			
28/02/2013	17120	animal feed	ochratoxin A	55 g			
21/03/2013	17121	cocoa	ochratoxin A	55 g			

**Mycotoxins – Fusarium toxins**

Please note that there are further proficiency tests in the Programme that may contain fusarium toxins: 04199, 04201, 04204, 04209.

dispatch date	test details				place order		
dd/mm/yyyy	code	matrix	analyte	approx. quantity	✓	sample contact name & email	extra TMs
18/04/2012	2283	maize flour	deoxynivalenol (DON)	55 g			
06/06/2012	2284	breakfast cereal	zearalenone (ZON)	55 g			
06/06/2012	2285	breakfast cereal	deoxynivalenol (DON)	55 g			
28/06/2012	2286	oat flour	T-2 & HT-2 toxins	55 g			
18/07/2012	2287	maize flour	FB <sub>1</sub> & FB <sub>2</sub> and total fumonisins (as a sum of FB <sub>1</sub> & FB <sub>2</sub> )	55 g			
01/11/2012	2288	animal feed	zearalenone (ZON)	55 g			
01/11/2012	2289	animal feed	deoxynivalenol (DON)	55 g			
30/01/2013	2290	wheat flour	deoxynivalenol (DON)	55 g			
08/03/2013	2291	animal feed	T-2 & HT-2 toxins	55 g			

Footnotes

<sup>F</sup> test incurs courier charges

**PROGRAMMA E MODULO D'ORDINE FAPAS  
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**Vitamins**

dispatch date	test details				place order		
dd/mm/yyyy	code	matrix	analyte	approx. quantity	✓	sample contact name & email	extra TMs
24/05/2012	2176	breakfast cereal	vitamins B <sub>1</sub> , B <sub>2</sub> (total) & B <sub>6</sub> , total niacin & total folate	50 g			
13/07/2012	2177 <sup>⊖</sup>	fruit purée	vitamin C	100 mL			
20/11/2012	2178 <sup>F</sup>	liquid vitamin supplement	vitamins B <sub>1</sub> , B <sub>2</sub> (total) & B <sub>6</sub>	40 mL			
17/01/2013	2179	milk powder	vitamins A & D <sub>3</sub>	50 g			
13/03/2013	2180	powdered baby food	vitamins A, B <sub>12</sub> , C & E	50 g			

**Food Ingredients**

dispatch date	test details				place order		
dd/mm/yyyy	code	matrix	analyte	approx. quantity	✓	sample contact name & email	extra TMs
04/04/2012	2091	tomato sauce	brix, pH, total acidity, sodium & chloride	150 g			
08/05/2012	2092 <sup>F</sup>	meat	sulphur dioxide	100 g			
01/06/2012	2093	jam	brix, pH, benzoic acid, citric acid & sorbic acid	50 g			
08/08/2012	2094	chocolate cake mix	caffeine, sorbic acid, theobromine & total sugars (expressed as sucrose)	50 g			
11/09/2012	2095 <sup>F</sup>	dried apricot (water/fruit slurry)	sulphur dioxide	100 g			
17/10/2012	2096 <sup>§</sup>	sugar confectionary (boiled sweets)	permitted colours up to 4 selected from the following list: Allura Red, Brilliant Blue FCF, Carmoisine, Erythrosine, Green S, Indigo Carmine, Patent Blue V, Ponceau 4R, Quinoline Yellow, Sunset Yellow FCF, Tartrazine	50 g			
05/12/2012	2097	oil	antioxidants: total BHA (E320), BHT (E321) & propyl gallate (E310)	50 mL			
20/02/2013	2098 <sup>§</sup>	hot pepper sauce (or similar)	non-permitted colours (illegal dyes) up to 4 selected from the following list: Butter Yellow (Dimethyl Yellow), Orange II, Para Red, Rhodamine B, Sudan I, Sudan II, Sudan III, Sudan IV, Sudan Black B, Sudan Orange G, Sudan Red B, Sudan Red 7B, Sudan Red G, Toluidine Red	50 mL			

Footnotes

total sugars = that measured by a defined titration method (e.g. Layne-Eynon, Luff-Schoorl, Munson Walker) or, if measured by HPLC, the sum of fructose, glucose, sucrose, lactose, galactose and maltose (NB not all sugars may be present)

<sup>F</sup> test incurs courier charges

<sup>⊖</sup> test has a short timescale

<sup>§</sup> both qualitative & quantitative results can be submitted

**PROGRAMMA E MODULO D'ORDINE FAPAS  
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**Metallic Contaminants**

dispatch date	test details				place order		
	dd/mm/yyyy	code	matrix	analyte	approx. quantity	✓	sample contact name & email
19/04/2012	07172	milk powder	arsenic, cadmium, mercury & lead (all natural / low levels)	50 g			
16/05/2012	07173	soft drink	antimony, arsenic (total) cadmium, chromium copper & zinc (all high levels)	50 mL			
14/06/2012	07174	canned fish	arsenic (total), cadmium & mercury (total) (all natural levels)	150 g			
26/06/2012	07175 <sup>F</sup>	tomato paste	cadmium, lead, iron & tin (all high levels)	50 g			
18/07/2012	07176	chilli powder	arsenic (total), cadmium & lead (all high levels)	50 g			
03/08/2012	07177	infant formula	aluminium, chromium, molybdenum, selenium (all natural / low levels)	50 g			
29/08/2012	07178	canned crab meat	arsenic (total), arsenic (inorganic), cadmium, lead & mercury (total) (all natural levels)	150 g			
19/09/2012	07179	chilli sugar paste	lead	25 g			
28/09/2012	07180	edible oil	arsenic (total), copper, iron & lead (all high levels)	50 mL			
04/10/2012	07181	wine	pH, cadmium & lead	50 mL			
25/10/2012	07182	canned fish	arsenic (total), cadmium, mercury (total) (all natural levels)	150 g			
21/11/2012	07183	infant cereal	cadmium, chromium, lead, mercury (total) & selenium (all natural / low levels)	50 g			
11/12/2012	07184	soya flour	aluminium, arsenic (total), cadmium, lead & mercury (total) (all high levels)	50 g			
16/01/2013	07185	cocoa powder	cadmium & lead (both natural levels)	50 g			
05/02/2013	07186 <sup>F</sup>	fruit juice	cadmium, iron, lead, & tin (all high levels)	50 mL			
20/02/2013	07187	powdered rice	arsenic (inorganic), arsenic (total) & cadmium (all high levels)	50 g			
19/03/2013	07188 <sup>F</sup>	vegetable purée	cadmium, lead & tin (all high levels)	50 g			
27/03/2013	07189	canned fish	arsenic (total), methyl mercury & mercury (total) (all natural levels)	150 g			

Footnotes

<sup>F</sup> test incurs courier charges

**PROGRAMMA E MODULO D'ORDINE FAPAS  
APRILE 2012 – MARZO 2013**

**Fruit Juice, Soft Drinks & Alcoholic Drinks**

dispatch date	test details				place order		
	dd/mm/yyyy	code	matrix	analyte	approx. quantity	✓	sample contact name & email
31/05/2012	0844	apple juice	brix, pH, total acidity, total sugars, magnesium, potassium & sodium	250 mL			
11/10/2012	0845	orange juice	brix, pH, citric acid, sucrose, glucose, fructose & total sugars	250 mL			
03/01/2013	0846	grapefruit juice	brix, pH, total acidity, total sugars, calcium, magnesium & potassium	250 mL			
14/03/2013	0847	cranberry juice	brix, pH, total acidity, total sugars, phosphorus & potassium	250 mL			
04/05/2012	03103	cola drink	benzoic acid, caffeine, acesulfame-K & saccharin	150 mL			
12/07/2012	03104	ground coffee	caffeine (2 test materials supplied, one regular, one decaffeinated)	2 x 30 g			
22/08/2012	03105	soft drink	brix, pH, citric acid, sorbic acid, cyclamate & saccharin	150 mL			
10/10/2012	03106 <sup>§</sup>	soft drink	up to 4 colours from the following list: Allura Red, Brilliant Blue FCF, Carmoisine, Erythrosine, Green S, Indigo Carmine, Patent Blue V, Ponceau 4R, Quinoline Yellow, Sunset Yellow FCF, Tartrazine	150 mL			
29/11/2012	03107	cola drink	caffeine, benzoic acid, total sugars & phosphoric acid (as P <sub>2</sub> O <sub>5</sub> )	150 mL			
13/02/2013	03108	tonic water	benzoic acid, quinine, acesulfame-K & aspartame	150 mL			
10/05/2012	1365	whisky	alcoholic strength, ethanol (acetaldehyde), ethyl acetate, methanol, propan-1-ol, 2-methylpropanol & 2-methylbutanol + 3-methylbutanol (sum)	200 mL			
12/09/2012	1366	brandy	alcoholic strength, ethanol (acetaldehyde), ethyl acetate, methanol, propan-1-ol, 2-methylpropanol & 2-methylbutanol + 3-methylbutanol (sum) & ethyl carbamate	200 mL			
06/02/2013	1367	wine	alcoholic strength, total SO <sub>2</sub> , total acidity & volatile acidity	220 mL			

Footnotes

total sugars = that measured by a defined titration method (e.g. Layne-Eynon, Luff-Schoorl, Munson Walker) or, if measured by HPLC, the sum of fructose, glucose, sucrose, lactose, galactose and maltose (NB not all sugars may be present)

<sup>§</sup> both qualitative & quantitative results can be submitted

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**Oils & Fats**

dispatch date	test details				place order		
dd/mm/yyyy	code	matrix	analyte	approx. quantity	✓	sample contact name & email	extra TMs
17/04/2012	14111 <sup>F</sup>	nutritionally fortified oil (may contain LC-PUFAs)	saturates, mono-unsaturates, poly-unsaturates, total trans fatty acids & individual fatty acids	30 mL			
09/05/2012	14112	infant formula (may contain encapsulated LC-PUFAs)	total fat, saturates, mono-unsaturates, poly-unsaturates, total trans fatty acids & individual fatty acids	50 g			
22/05/2012	14113 <sup>Fφ</sup>	olive oil	peroxide value, acidity, anisidine value & iodine value	100 mL			
11/07/2012	14114	cereal product (may contain encapsulated LC-PUFAs)	total fat, saturates, mono-unsaturates, poly-unsaturates, total trans fatty acids & individual fatty acids	50 g			
27/07/2012	14115	vegetable oil	saturates, mono-unsaturates, poly-unsaturates & total trans fatty acids (& possibly individually specified fatty acids)	30 mL			
14/08/2012	14116 <sup>F</sup>	mixed fat spread	total fat, saturates, mono-unsaturates, poly-unsaturates, & trans fatty acids	50 g			
09/10/2012	14117 <sup>Fφ</sup>	olive oil	peroxide value, acidity, anisidine value & iodine value	100 mL			
18/10/2012	14118	fish oil	omega-3 & omega-6 series fatty acids	30 mL			
27/11/2012	14119 <sup>F</sup>	mixed fat spread	total fat, butyric acid & cholesterol	50 g			
06/02/2013	14120	vegetable oil	saturates, mono-unsaturates, poly-unsaturates	30 mL			
11/03/2013	14121 <sup>Fφ</sup>	olive oil	peroxide value, acidity, K <sub>232</sub> & K <sub>270</sub>	100 mL			

Footnotes

<sup>F</sup> test incurs courier charges

<sup>φ</sup> test has a shortened timescale

# PROGRAMMA E MODULO D'ORDINE FAPAS APRILE 2012 – MARZO 2013

## Pesticide Residues – Animal Products/Fats and Oils

Each test material (except test 0588) will contain any number of the pesticides given in List 1.

dispatch date	test details				place order		
dd/mm/yyyy	code	matrix	analyte	approx. quantity	✓	sample contact name & email	extra TMs
25/04/2012	0582	hydrogenated vegetable oil	selection from List 1	25 g			
	0582b	blank hydrogenated vegetable oil	BLANK (only available if ordered with test 0582)	25 g			
23/05/2012	0583	milk powder	selection from List 1	50 g			
20/07/2012	0584	olive oil	selection from List 1	50 g			
20/09/2012	0585	hydrogenated vegetable oil	selection from List 1	25 g			
	0585b	blank hydrogenated vegetable oil	BLANK (only available if ordered with test 0585)	25 g			
13/11/2012	0586 <sup>F</sup>	oily fish	selection from List 1	50 g			
22/01/2013	0587 <sup>F</sup>	animal (pork) fat	selection from List 1	50 g			
12/03/2013	0588 <sup>F</sup>	fish muscle	trifluralin (single herbicide)	20 g			

### Potential pesticide residues (parent compound only unless otherwise stated) – List 1

aldrin	cypermethrin	fenpropimorph	haloxyfop	quintozene
azinphos-ethyl	pp'-DDE	fenthion	cis-heptachlor epoxide	prochloraz
bifenthrin	pp'-DDD (TDE)	fenthion sulfone	trans-heptachlor epoxide	tebuconazole
boscalid	op'-DDT	fenthion sulfoxide	methacrifos	tecnazene
cis-chlordane	pp'-DDT	fenvalerate	methidathion	triazophos
trans-chlordane	deltamethrin	fluazifop	4,4'-methoxychlor	vinclozolin
oxychlordane	diazinon	fluquinconazole	nitrofen	PCB 28
chlorfenvinphos	dieldrin	flusilazole	parathion-ethyl	PCB 52
chlorobenzilate	alpha-endosulfan (endosulfan I)	formothion	parathion-methyl	PCB 101
chlorpropham	beta-endosulfan (endosulfan II)	hexachlorobenzene (HCB)	pendimethalin	PCB 118
chlorpyrifos (-ethyl)	endosulfan sulfate	alpha-hexachlorocyclohexane (α-HCH)	permethrin (sum isomers)	PCB 138
chlorpyrifos-methyl	endrin	beta-hexachlorocyclohexane (β-HCH)	pirimiphos-methyl	PCB 153
cyfluthrin (sum isomers)	epoxiconazole	gamma-hexachlorocyclohexane (lindane)	profenofos	PCB 180
lambda-cyhalothrin	famoxadone	heptachlor	pyrazophos	

#### Footnotes

<sup>F</sup> test incurs courier charges

# PROGRAMMA E MODULO D'ORDINE FAPAS APRILE 2012 – MARZO 2013

## Pesticide Residues – Cereal Products

Each test material (except test 0978) will contain any number of the pesticides given in List 2.

dispatch date	test details				place order		
dd/mm/yyyy	code	matrix	analyte	approx. quantity	✓	sample contact name & email	extra TMs
11/05/2012	0976	maize flour	selection from list 2	50 g			
24/07/2012	0977	wheat flour	selection from list 2	50 g			
	0977b	blank wheat flour	BLANK (only available if ordered with test 0977)	50 g			
05/09/2012	0978	cereal	chlormequat (single pesticide)	50 g			
03/10/2012	0979	brown rice	selection from List 2	50 g			
22/11/2012	0980	baby food	selection from List 2	50 g			
06/03/2013	0981	wheat flour	selection from list 2	50 g			
	0981b	blank wheat flour	BLANK (only available if ordered with test 0981)	50 g			

### Potential pesticide residues (parent compound only unless otherwise stated) – List 2

acephate	deltamethrin	fenthion sulfone	malathion	pyrimethanil
azinthos-methyl	demeton-S-methyl sulfone	fenpropimorph	methacrifos	quintozene
azoxystrobin	diazinon	fenvalerate(sum of isomers)	methomyl	spiroxamine
bifenthrin	dichlorvos	fipronil	omethoate	tebuconazole
bromophos-ethyl	difenoconazole	fludioxonil	oxydemeton-methyl (demeton-S-methyl sulfoxide)	tebufenozide
captan	diflubenzuron	fluquinconazole	paclobutrazole	terbufos
carbaryl	dimethoate	flusilazole	parathion-ethyl	terbufos sulfoxide
carbendazim	dimoxystrobin	flutriafol	penconazole	terbufos sulfone
carbofuran	disulfoton	formothion	pendimethalin	tetrachlorvinphos
3-hydroxycarbofuran	alpha-endosulfan (endosulfan I)	alpha-hexachlorocyclohexane ( $\alpha$ -HCH)	permethrin (sum)	thiabendazole
carboxin	beta-endosulfan (endosulfan II)	beta-hexachlorocyclohexane ( $\beta$ -HCH)	phorate	thiacloprid
chlorfenvinphos	endosulfan sulfate	gamma-HCH (lindane)	phorate sulfoxide	thiamethoxam
chlorothalonil	epoxiconazole	hexaconazole	phorate sulfone	thiodicarb
chlorpropham	ethion	imazalil	phosalone	triadimefon
chlorpyrifos	ethoprophos	imidacloprid	phosmet	triadimenol
chlorpyrifos-methyl	etrimphos	iprodione	phosphamidon (sum of isomers)	triazophos
clothianidin	fenamiphos	isofenphos-methyl	pirimicarb	tricyclazole
cyfluthrin (sum of isomers)	fenamiphos sulfoxide	isoprothiolane	desmethyl-pirimicarb	trifloxystrobin
lambda-cyhalothrin	fenamiphos sulfone	isoproturon	pirimiphos-methyl	trifluralin
cypermethrin	fenbuconazole	kresoxim-methyl	prochloraz	triticonazole
cyproconazole	fenhexamid	linuron	pyraclostrobin	vinclozolin
cyprodinil	fenitrothion	malaoxon	pyridaphenthion	
disulfoton sulfoxide	fenthion	metconazole	procymidone	
disulfoton sulfone	fenthion sulfoxide	metribuzin	propiconazole	

# PROGRAMMA E MODULO D'ORDINE FAPAS APRILE 2012 – MARZO 2013

## Pesticide Residues – Fresh Fruits, Dried Fruit, Fresh Vegetables, Tea & Herbs

The fruit, vegetable and herb test matrices will be made prepared from fresh fruit, vegetables or herbs that have been made into a purée.

Each test material will contain any number of the pesticides given in List 3, except test 19145 (tea), which will contain any number of the pesticides given in List 4.

dispatch date	test details				place order		
dd/mm/yyyy	code	matrix	analyte	approx. quantity	✓	sample contact name & email	extra TMs
30/04/2012	19133 <sup>PF</sup>	apple	pesticide residues from List 3	90 g			
	19133b <sup>PF</sup>	blank apple	BLANK	90 g			
30/04/2012	19134 <sup>PF</sup>	lemon	pesticide residues from List 3	90 g			
	19134b <sup>PF</sup>	blank lemon	BLANK	90 g			
28/05/2012	19135 <sup>PF</sup>	tomato	pesticide residues from List 3	90 g			
	19135b <sup>PF</sup>	blank tomato	BLANK	90 g			
28/05/2012	19136 <sup>PF</sup>	dried vine fruit (raisin)	pesticide residues from List 3	90 g			
	19136b <sup>PF</sup>	blank dried vine fruit (raisin)	BLANK	90 g			
17/09/2012	19137 <sup>PF</sup>	strawberry	pesticide residues from List 3	90 g			
	19137b <sup>PF</sup>	blank strawberry	BLANK	90 g			
17/09/2012	19138 <sup>PF</sup>	sweet (bell) pepper	pesticide residues from List 3	90 g			
	19138b <sup>PF</sup>	blank sweet (bell) pepper	BLANK	90 g			
22/10/2012	19139 <sup>PF</sup>	apricot	pesticide residues from List 3	90 g			
	19139b <sup>PF</sup>	blank apricot	BLANK	90 g			
22/10/2012	19140 <sup>PF</sup>	lettuce	pesticide residues from List 3	90 g			
	19140b <sup>PF</sup>	blank lettuce	BLANK	90 g			
26/11/2012	19141 <sup>PF</sup>	green beans (inc. pods)	pesticide residues from List 3	90 g			
	19141b <sup>PF</sup>	blank green beans (inc. pods)	BLANK	90 g			
26/11/2012	19142 <sup>PF</sup>	melon	pesticide residues from List 3	90 g			
	19142b <sup>PF</sup>	blank melon	BLANK	90 g			
14/01/2013	19143 <sup>PF</sup>	basil (herb)	pesticide residues from List 3	90 g			
	19143b <sup>PF</sup>	blank basil (herb)	BLANK	90 g			
14/01/2013	19144 <sup>PF</sup>	cabbage	pesticide residues from List 3	90 g			
	19144b <sup>PF</sup>	blank cabbage	BLANK	90 g			
18/01/2013	19145	tea	pesticide residues from List 4	50 g			
	19145b	blank tea	BLANK	50 g			
18/02/2013	19146 <sup>PF</sup>	grape	pesticide residues from List 3	90 g			
	19146b <sup>PF</sup>	blank grape	BLANK	90 g			
18/02/2013	19147 <sup>PF</sup>	pear	pesticide residues from List 3	90 g			
	19147b <sup>PF</sup>	blank pear	BLANK	90 g			
18/03/2013	19148 <sup>PF</sup>	potato	pesticide residues from List 3	90 g			
	19148b <sup>PF</sup>	blank potato	BLANK	90 g			
18/03/2013	19149 <sup>PF</sup>	orange	pesticide residues from List 3	90 g			
	19149b <sup>PF</sup>	blank orange	BLANK	90 g			

### Footnotes

BLANKS can *only* be ordered with their corresponding proficiency test

<sup>P</sup> matrix will be a purée

<sup>F</sup> test incurs courier charges

## PROGRAMMA E MODULO D'ORDINE FAPAS APRILE 2012 – MARZO 2013

### Potential pesticide residues (parent compound only unless otherwise stated) – List 3

2,4-D	cypermethrin (sum of isomers)	fenarimol	metaflumizone (sum of isomers)	prothiofos
2-phenylphenol	cyproconazole	fenazaquin	metalaxyl	pymetrozine
acephate	cyprodinil	fenbuconazole	metconazole	pyraclostrobin
acetamiprid	pp'-DDD (TDE)	fenhexamid	methamidophos	pyrazophos
acrinathrin	pp'-DDE	fenitrothion	methidathion	pyrethrins (sum)
aldicarb	op'-DDT	fenoxycarb	methiocarb	pyridaben
aldicarb sulfone (aldoxycarb)	pp'-DDT	fenpropathrin	methiocarb sulfone	pyrimethanil
aldicarb sulfoxide	deltamethrin	fenpropimorph	methiocarb sulfoxide	pyriproxyfen
amitraz	demeton-S-methyl sulfone	fenpyroximate	methomyl	quinalphos
atrazine	desmethyl-pirimicarb	fenthion	4,4'-methoxychlor	quinoxifen
azinphos-methyl	diazinon	fenthion sulfoxide	methoxyfenozide	quintozene
	dichlofluanid	fenthion sulfone	monocrotophos	spinosad (spinosyn A + spinosyn D)
azoxystrobin	dichlorvos	fenvalerate (sum of isomers)	myclobutanil	spiroxamine
bifenthrin	dicloran	fipronil	omethoate	tebuconazole
biphenyl	dicofol	fipronil sulfone	oxadixyl	tebufenozide
	(sum of isomers)			
bitertanol	dicrotophos	fluazifop-P-butyl (sum)	oxamyl	tebufenpyrad
boscalid	diethofencarb	fludioxonil	oxydemeton-methyl (demeton-S-methyl sulfoxide)	tecnazene
bromopropylate	diethofencarb sulfoxide	flufenoxuron	oxyfluorfen	teflubenzuron
bromuconazole (sum of isomers)	diethofencarb sulfone	fluquinconazole	paclobutrazol	tefluthrin
bupirimate	difenoconazole	flusilazole	paraoxon-methyl	terbufos
buprofezin	diflubenzuron	flutriafol	parathion (-ethyl)	terbufos sulfoxide
butocarboxim	dimethoate	folpet	parathion-methyl	terbufos sulfone
butocarboxim sulfoxide	dimethomorph (sum of isomers)	formetanate HCl	penconazole	terbuthylazine
cadusafos	diniconazole	fosthiazate	pencycuron	tetraconazole
carbaryl	diphenylamine	haloxyfop (free acid)	pendimethalin	tetradifon
carbendazim	DMST	HCB (hexachlorobenzene)	permethrin (sum of isomers)	thiabendazole
carbofuran	dodine	hexaconazole	phenthoate	thiacloprid
3-hydroxy carbofuran	alpha-endosulfan (endosulfan I)	hexythiazox	phosalone	thiamethoxam
chlorfenapyr	beta-endosulfan	imazalil	phosmet	thiodicarb
chlorfenvinphos (sum of isomers)	(endosulfan II)	imidacloprid	phoxim	tolclofos-methyl
chlorobenzilate	endosulfan sulfate	indoxacarb (sum isomers)	pirimicarb	tolyfluanid
chlorothalonil	EPN	iprodione	pirimiphos-methyl	triadimefon
chlorpropham	EPN	iprovalicarb	prochloraz (sum)	triadimenol
chlorpyrifos (-ethyl)	epoxiconazole	isofenphos-methyl	procymidone	triazophos
chlorpyrifos-methyl	ethion	isoprocarb	profenofos	trifloxystrobin
chlorthal-dimethyl	ethoprophos	isoproturon	propamocarb	trifluralin
chlozolinate	etofenprox	kresoxim-methyl	propaquizafop	triticonazole
clofentezine	famoxadone	lenacil	propargite	vinclozolin
clothianidin	fenamiphos	linuron	propiconazole	zoxamide
cyfluthrin (sum of isomers)	fenamiphos sulfone	lufenuron	propoxur	
lambda-cyhalothrin	fenamiphos sulfoxide	mepanipyrim	propyzamide	

### Potential pesticide residues (parent compound only unless otherwise stated) – List 4

bifenthrin	dicofol	alpha-endosulfan (endosulfan I)	fenpropathrin	quinalphos
chlorothalonil	dimethoate	beta-endosulfan (endosulfan II)	fenvalerate (sum isomers)	trifloxystrobin
chlorpyrifos (-ethyl)	pp'-DDD (TDE)	endosulfan sulfate	HCB (hexachlorobenzene)	
lambda-cyhalothrin	pp'-DDE	ethion	phosalone	
cypermethrin (sum isomers)	op'-DDT	fenazaquin	procymidone	
deltamethrin	pp'-DDT	fenitrothion	propargite	