

FAPAS[®] PROGRAMME & PROFICIENCY TEST ORDER FORM

APRIL 2010 - MARCH 2011

Please read carefully *all* of the Notes given in this document. FAPAS[®] cannot be held responsible for incorrectly completed order forms.

1. Please give contact details of the person placing this order:

Contact Name:		Company tel. no.:	
Company Name:		Company fax. no.:	
Address:		Company email:	
		VAT reg. no.:	
City:			
Postcode:		Direct tel no.:	
Country:		Direct email:	

Notes

- a) This address will be used for ALL correspondence.
- b) PO Box addresses are not suitable because our courier cannot deliver to such addresses.
- c) If the address for invoicing is different, please give that separately.
- d) See below for how to give contact name and email address for each test you order.

2. On the programme pages, please use a ✓ to indicate clearly the tests you have ordered.

Notes

- a) An index is provided to help you locate tests of interest to you.
- b) The dispatch date shown is our planned dispatch date. You will be notified by email if any of the tests you order are delayed for any reason. The majority of test close dates are 6-8 weeks after dispatch.
- c) Indicate a contact name and email address for each test against test you order, otherwise the name given above will be used.
- d) The approximate quantity of test material we will supply is given for each test. If your method needs more material please indicate the number of extra test materials you require. There is a charge for additional test materials.
- e) The purchase of extra test materials does not entitle you to receive an extra performance assessment. You must place multiple orders for the test if you require this service.
- f) Test materials are dispatched by normal post unless courier service is purchased EXCEPT for tests with code numbers marked 'F'. These are dispatched by courier and incur courier charges.

3. Give a Purchase Order number and sign the declaration below:

I apply to join the FAPAS[®] Programme on the basis of the *FERA Standard Terms and Conditions for Proficiency Testing Schemes* given at the end of this document.

Your Purchase Order Number:		Total no. of Proficiency Tests Ordered:	
Signed:		Date:	

Notes

- a) We cannot accept unsigned order forms.
- b) If you have not received confirmation of this order within 30 days of placing it please contact FAPAS[®].
- c) Remittance should only be made on receipt of an invoice. Your invoice will contain our banking details and full information on how to pay.
- d) The invoice will be issued shortly after your order is received. This means that you will be paying for some tests in advance.

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4. Return the signed declaration and completed order form:

Post:	FAPAS [®] , The Food & Environment Research Agency, Sand Hutton, York, YO41 1LZ, UK
Fax:	+44 1904 462040
email:	info@fapas.com

Notes

- a) Keep a copy of your order form for your own records.
- b) Please do not send duplicate copies of your form, e.g. if you send your order by fax, please do not also send it by post or email.
- c) Alternatively, use this form as a guide and submit your order as a 'wishlist' via our website at www.fapas.com.

5. Additional notes:

i. Dispatch

- a) As indicated above, tests with code numbers marked 'F' are automatically dispatched by courier. This is to reduce the time taken in transit. Some packages include ice blocks to minimise large temperature fluctuations in transit but they are not transported in refrigerated vehicles. Even if your sample does not arrive refrigerated it is still acceptable for use, as it will have been chilled for the majority of its journey.
- b) Please contact us if your postal dispatch has not arrived within 10 days or your courier dispatch has not arrived within 4 days.
- c) FAPAS[®] will send the Airway Bill Number of your courier consignment to the email address given for the sample contact for that test. The message will include a link to the courier's tracking system on their website.
- d) Airway Bill Numbers are also available from the participant's secure pages on the FAPAS[®] website.
- e) It is the responsibility of a participant to monitor the progress of their courier dispatch.

ii. Import / Customs

- a) FAPAS[®] is not responsible for damage or loss of test materials due to problems in customs or for import fees.
- b) If you require special import permits for importing certain types of test material into your country please inform us at least 3 weeks prior to dispatch date.
- c) Phytosanitary certificates can be provided where appropriate. There is a charge for this service.
- d) Participants generally have 6 weeks to return results after a test material is dispatched. For some analyses a shorter timescale is necessary due to the nature of the material/analyte. Such tests are indicated on the programme.

iii. Reports

- a) The cost of the test includes access to an electronic copy of the report for the person placing the order and designated sample contact.
- b) An additional report contact can be nominated, please indicate this separately.
- c) Reports are normally available on our website within 5 weeks of the closing date of the test.
- d) The reports are in PDF format and are secured by a digital signature. Adobe Reader version 7 or greater is required to open these files.
- e) Printed copies of the reports are available at additional cost. They are sent by post and only after the PDF version is published on our website.

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Please read carefully *all* of the NOTES given in this document. FAPAS[®] cannot be held responsible for any incorrectly completed order forms.

Notes

- a) Please indicate, with a ✓, against the tests you wish to order.
- b) Only give a sample contact name and email if different to that given on the front sheet.
- c) Purchase extra test materials only if the approx. quantity given is insufficient for your method, not to participate more than once. Place multiple orders for the test for that service.

Nutritional Components

dispatch date dd/mm/yy	test details				place order		
	code	matrix	analyte	approx. quantity	✓	sample contact name & email	extra TMs
08/04/2010	0167	canned meat	moisture, ash, total fat, nitrogen, sodium & chloride	150 g			
28/04/2010	0168	canned meat meal	moisture, ash, total fat, nitrogen, sodium & chloride	150 g			
02/06/2010	0169	canned meat	moisture, ash, total fat, nitrogen, hydroxyproline	150 g			
01/07/2010	0170	canned meat	moisture, ash, total fat, nitrogen, hydroxyproline	150 g			
02/09/2010	0171	canned meat meal	moisture, ash, total fat, nitrogen, sodium, chloride, total sugars	150 g			
22/10/2010	0172	canned meat	moisture, ash, total fat, nitrogen, sodium, chloride, polyphosphates	150 g			
30/04/2010	2438	wheat flour	moisture at 130°C, ash, nitrogen & total dietary fibre by AOACc	150 g			
09/06/2010	2439	porridge oats	moisture at 130°C, ash, total fat, nitrogen, total dietary fibre by AOAC & NSP fibre by Englyst	150 g			
30/09/2010	2440	cereal	moisture at 130°C, ash, nitrogen & total dietary fibre by AOAC	150 g			
21/01/2011	2441	breadcrumbs	moisture, ash, nitrogen, starch & total dietary fibre by AOAC	150 g			
16/04/2010	2579	nutritional food supplement	moisture, ash, nitrogen & lactose	50 g			
26/05/2010	2580	corn/maize snack food	moisture, ash, total fat, nitrogen, sodium & chloride	50 g			
25/06/2010	2581	fish paste	moisture, ash, total fat, nitrogen, sodium & chloride	150 g			
01/09/2010	2582	condensed milk	moisture, ash, total fat, nitrogen & total sugars	150 mL			
21/09/2010	2583	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)

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Nutritional Components (continued)

dispatch date dd/mm/yy	test details				place order		
	code	matrix	analyte	approx. quantity	✓	sample contact name & email	extra TMs
13/10/2010	2584*	infant formula	arginine, cystine, histidine, isoleucine, leucine, lysine, methionine, phenylalanine, threonine, tryptophan, tyrosine, valine	50 g			
09/11/2010	2585 ^F	chocolate	moisture, total fat, butyric acid, lactose & sucrose	150 g			
10/11/2010	2586	milk powder	moisture, ash, total fat, nitrogen, titratable acidity & lactose	50 g			
11/01/2011	2587 ^F	butter	moisture, total fat, non-fat solids, ph & chloride	200 g			
25/02/2011	2588	cheese & pasta meal	moisture, ash, total fat, nitrogen, sodium & chloride	100 g			
16/03/2011	2589	canned crabmeat	moisture, ash, total fat & nitrogen	150 g			

Acrylamide / Melamine / 3-MCPD

dispatch date dd/mm/yy	test details				place order		
	code	matrix	analyte	approx. quantity	✓	sample contact name & email	extra TMs
30/04/2010	3026	crispbread	acrylamide	50 g			
13/08/2010	3027	milk powder	melamine	50 g			
26/11/2010	3028	biscuits	acrylamide	50 g			
15/02/2011	3029 ^F	chocolate	melamine	35 g			
28/05/2010	2627	soy sauce	3-MCPD & 1,3 DCP	40 g			
17/09/2010	2628	refined palm oil	3-MCPD esters	50 mL			
18/02/2011	2629	soy sauce	3-MCPD, 1,3 DCP	40 g			

Honey

dispatch date dd/mm/yy	test details				place order		
	code	matrix	analyte	approx. quantity	✓	sample contact name & email	extra TMs
15/06/2010	2820 ^F	honey	moisture, fructose, glucose, sucrose, hydroxymethylfurfural (HMF) & diastase	100 g			
23/11/2010	2821 ^F	honey	moisture, fructose, glucose, sucrose, hydroxymethylfurfural (HMF) & diastase (this test material may be adulterated honey)	100 g			

Footnotes

* test charged at a higher rate

^F test incur courier charges

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Authenticity

dispatch date dd/mm/yy	test details				place order		
	code	matrix	analyte	approx. quantity	✓	sample contact name & email	extra TMs
14/04/2010	2933 ^R	rice	identification of EU approved Basmati rice types and identification and quantification of EU non-approved Basmati rice types	2 x 10 g			
22/04/2010	2934 ^D	chicken	contamination (presence/absence) of matrix with one or more from: beef, lamb or pork	30 g			
23/07/2010	2935 ^D	lamb	contamination (presence/absence) of matrix with one or more from: beef, chicken or pork	30 g			
21/09/2010	2936 ^F	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			
07/10/2010	2937 ^R	rice	identification of approved Basmati rice and identification and quantification of non-approved Basmati rice	2 x 10 g			
03/12/2010	2938 ^D	beef	contamination (presence/absence) of matrix with one or more from: chicken, lamb or pork	30 g			
10/03/2011	2939	orange juice	C ¹² :C ¹³ stable isotope ratio	250 mL			

Nitrate & Nitrite

dispatch date dd/mm/yy	test details				place order		
	code	matrix	analyte	approx. quantity	✓	sample contact name & email	extra TMs
20/04/2010	1567 ^F	cabbage purée	nitrate	70 g			
02/07/2010	1568	meat	nitrate & nitrite	25 g			
24/08/2010	1569 ^F	lettuce purée	nitrate	70 g			
04/11/2010	1570	meat	nitrate & nitrite	25 g			
18/01/2011	1571 ^F	spinach purée	nitrate	70 g			
25/03/2011	1572	meat	nitrate & nitrite	25 g			

Footnotes

^R test is designed to check 'Basmati Rice' samples for compliance / non-compliance with EU regulations

^F test incur courier charges

^D freeze dried matrix, to be reconstituted (by participants) prior to testing

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Veterinary Drug Residues

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

dispatch date dd/mm/yy	test details				place order		
	code	matrix	analyte	approx. quantity	✓	sample contact name & email	extra TMs
23/04/2010	02151	milk powder	chloramphenicol	20 g			
04/05/2010	02152 ^{F#}	honey	aminoglycosides & macrolides	40 g			
18/05/2010	02153 ^{Fφ#}	prawns	nitrofurans metabolites	20 g			
25/05/2010	02154 ^{Fφ#}	fish muscle	tetracyclines	20 g			
28/06/2010	02155 ^{Fφ#}	bovine liver	ivermectins & benzimidazoles	20 g			
06/07/2010	02156 ^{Fφ#}	fish muscle	quinolones & fluoroquinolones	20 g			
31/08/2010	02157 ^{Fφ}	bovine muscle	phenylbutazone	20 g			
14/09/2010	02158 ^{Fφ}	prawns	chloramphenicol	20 g			
28/09/2010	02159 ^{Fφ#}	fish muscle	illegal dyes	20 g			
16/11/2010	02160 ^{Fφ#}	pig liver	β-agonists	20 g			
23/11/2010	02161 ^{Fφ#}	bovine urine	synthetic hormones	25 mL			
07/12/2010	02162 ^{F#}	honey	sulfonamides & tetracyclines	40 g			
31/01/2011	02163 ^{Fφ#}	chicken liver	nitroimidazoles & coccidiostats	40 g			
08/02/2011	02164 ^F	honey	chloramphenicol & fumagilin B	40 g			
28/02/2011	02165 ^{Fφ#}	chicken muscle	nitrofurans metabolites	20 g			
15/03/2011	02166 ^{Fφ#}	sheep kidney	sulfonamides	40 g			
22/03/2011	02167 ^{Fφ#}	prawns	illegal dyes	20 g			

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

aminoglycosides	apramycin, dihydrostreptomycin, gentamicin, kanamycin, neomycin, paromomycin, spectinomycin, streptomycin
macrolides	erythromycin, josamycin, lincomycin, oleandomycin, rifampicin, spiramycin, tilmicosin, tylosin A, tylosin B, virginiamycin
nitrofurans	AHD (bound), AHD (total), AOZ (bound), AOZ (total), AMOZ (bound), AMOZ (total), SEM (bound), SEM (total)
tetracyclines	chlortetracycline (total), doxycycline, oxytetracycline (total), tetracycline (total)
ivermectins	abamectin, doramectin, emamectin, eprinomectin, ivermectin, moxidectin
benzimidazoles	albendazole, albendazole sulfone, albendazole sulfoxide, total albendazole sulfone, fenbentel, fenbendazole, oxfendazole, oxfendazole sulfone, total oxfendazole sulfone, flubendazole, levamisole, mebendazole, hydroxymebendazole, mebendazole amine, total mebendazole, thiabendazole, triclabendazole, triclabendazole sulfone, triclabendazole sulfoxide, ketotriclabendazole, total triclabendazole sulfone
quinolones & fluoroquinolones	flumequine, nalidixic acid, oxolinic acid, ciprofloxacin, danofloxacin, difloxacin, enrofloxacin, marbofloxacin, norfloxacin, sarafloxacin
illegal dyes	azure B, brilliant green, crystal violet, leucocrystal violet, total crystal violet, ethyl violet, malachite green, leucomalachite green, total malachite green, methylene blue, new methylene blue, Nile blue A, pararosaniline base, rhodamine 6G, victoria blue B, victoria blue R, victoria pure blue BO
β-agonists	bromobutanol, cimaterol, cimbuterol, clenbuterol, clenpenterol, hydroxyclenbuterol, mabuterol, mapenterol, ractopamine, salbutamol, salmeterol, terbutaline, tulobuterol, zilpaterol
synthetic hormones	α-boldenone, methylboldenone, diethylstilbestrol (DES), dienestrol, hexoestrol, methyltestosterone, α-nortestosterone, stanozolol, 16β-hydroxystanozolol, trenbolone, zeranol
sulfonamides	sulfachloropyridazine, sulfadiazine, sulfadimethoxine, sulfadimidine (sulfamethazine), sulfadoxine, sulfaguanidine, sulfamerazine, sulfamethizole, sulfamethoxazole, sulfamethoxypropyridazine, sulfamonomethoxine, sulfamoxole, sulphanilamide, sulfapyridine, sulfaquinoxaline, sulfathiazole, sulfisoxazole
nitroimidazoles	dimetridazole, 2-hydroxydimetridazole, ipronidazole, 2-hydroxyipronidazole, metronidazole, 2-hydroxymetronidazole, ronidazole
coccidiostats	diclazuril, lasalocid, maduramycin, monensin, narasin, nicarbazin (as 4,4-dinitrocarbanilide), salinomycin

Footnotes

^F test incur courier charges

[#] test includes identification and quantification of analytes, see List A, above

^φ test have a short timescale

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Feeding Stuffs

dispatch date dd/mm/yy	test details				place order		
	code	matrix	analyte	approx. quantity	✓	sample contact name & email	extra TMs
21/05/2010	1086	dairy ration	moisture, ash, total oil, protein & crude fibre	150 g			
21/05/2010	1087	dairy ration	iron, lead, magnesium, manganese & selenium	150 g			
17/06/2010	1088	sheep feed	moisture, ash, total oil, protein & copper	150 g			
16/08/2010	1089	pig ration	moisture, ash, total oil, protein, crude fibre, vitamin E & zinc	150 g			
08/10/2010	1090	poultry ration	moisture, ash, total oil, protein & crude fibre	150 g			
08/10/2010	1091	poultry ration	starch, total sugars, calcium & phosphorus	150 g			
14/01/2011	1092	premix	vitamins A, D ₃ , E, manganese & zinc	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 dd/mm/yy	test details				place order		
	code	matrix	analyte	approx. quantity	✓	sample contact name & email	extra TMs
15/04/10	2774 [§]	chocolate	almond, almond protein	2 x 20 g			
20/05/10	2775	canned fish	histamine (high level)	145 g			
04/06/10	2776 [§]	chocolate	peanut, peanut protein	2 x 20 g			
01/07/10	2777 [§]	infant formula	gluten	2 x 20 g			
22/07/10	2778 [§]	wheat flour	soya, soya protein	2 x 20 g			
05/08/10	2779 [§]	cake mix	egg, egg white protein	2 x 20 g			
17/08/10	2780 [§]	infant soya formula	beta-lactoglobulin	2 x 20 g			
03/09/10	2781 [§]	cake mix	gluten	2 x 20 g			
24/09/10	2782	canned fish	histamine (low level)	145 g			
19/10/10	2783 ^F	jam	sulphites	20 g			
03/11/10	2784 [§]	rice flour	sesame, sesame protein	2 x 20 g			
15/12/10	2785 ^{*^}	cake mix	gluten, milk and egg screen	30 g			
20/01/11	2786 [§]	chocolate	hazelnut, hazelnut protein	2 x 20 g			
14/02/11	2787 ^F	cheese	histamine	145 g			
02/03/11	2788 [§]	infant soya formula	casein	2 x 20 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)

[§] two test materials supplied and both qualitative & quantitative results can be submitted

^F tests incur courier charges

* tests charged at a higher rate

[^] qualitative screen only (no z-scores), may contain one or more of the allergens listed

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Environmental Contaminants

In test 0645 results for all congeners will be requested but only TEQs will be scored.

dispatch date dd/mm/yy	test details				place order		
	code	matrix	analyte	approx. quantity	✓	sample contact name & email	extra TMs
27/04/2010	0644	palm oil	PAHs	30 mL			
18/06/2010	0645*	cod liver oil	PCBs & dioxins	30 mL			
20/09/2010	0646 ^F	smoked meat product	PAHs	50 g			
07/01/2011	0647*	olive oil	all 16 EU priority PAHs	30 mL			

Migration – Overall & Specific

dispatch date dd/mm/yy	test details				place order		
	code	matrix	analyte	approx. quantity	✓	sample contact name & email	extra TMs
22/04/2010	1140	nylon film	overall migration into ethanol by total immersion	40 cm x 22 cm			
11/11/2010	1141	plastic film	overall migration into olive oil by total immersion	40 cm x 22 cm			
30/06/2010	1241	oil	benzophenone & 4-methylbenzophenone (photo initiators)	>50 mL			
08/09/2010	1242 ^B	food simulant	phthalates	2 x 50 mL			
18/11/2010	1243	food simulant	total primary aromatic amines	>300 mL			
09/03/2011	1244 ^B	oil	bisphenol A	2 x 50 mL			

Nutritional Elements

dispatch date dd/mm/yy	test details				place order		
	code	matrix	analyte	approx. quantity	✓	sample contact name & email	extra TMs
14/04/2010	1858	canned meat	calcium, phosphorus & zinc (all natural levels)	150 g			
16/07/2010	1859	breakfast cereal	calcium, iron & zinc (fortified)	50 g			
18/08/2010	1860	milk powder	calcium, iodine & selenium, (all natural levels)	50 g			
25/03/2011	1861	energy drink	iron, magnesium, manganese, potassium, selenium, (all natural levels)	50 g			

Footnotes

^F test incur courier charges

* test charged at a higher rate

^B includes blank matrix

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Mycotoxins – Aflatoxins

Test 04160 is intended for laboratories using ELISA kits to screen samples. The levels of the various toxins in the test material will reflect this.

dispatch date dd/mm/yy	test details				place order		
	code	matrix	analyte	approx. quantity	✓	sample contact name & email	extra TMs
27/04/10	04155 ^F	pistachio (water/nut slurry)	aflatoxins B & G &/or total	100 g			
29/04/10	04156	maize	aflatoxins B & G &/or total	55 g			
13/05/10	04157	animal feed (cereal based)	aflatoxins B & G &/or total	55 g			
17/06/10	04158	chilli powder	aflatoxins B & G &/or total	55 g			
24/06/10	04159	milk powder	aflatoxin M ₁	55g			
09/07/10	04160*	maize	aflatoxin B ₁ , DON, ZON & OTA	150 g			
29/07/10	04161	baby food	aflatoxins B & G &/or total	55 g			
27/08/10	04162	peanut	aflatoxins B & G &/or total	55 g			
23/09/10	04163	milk powder	aflatoxin M ₁	55 g			
27/09/10	04164 ^F	hazelnut (water/nut slurry)	aflatoxins B & G &/or total	100 g			
12/10/10	04165 ^F	almond (water/nut slurry)	aflatoxins B & G &/or total	100 g			
19/11/10	04166	maize	aflatoxins B & G &/or total	55 g			
24/11/10	04167	curry powder	aflatoxins B & G &/or total	55 g			
29/11/10	04168 ^F	pistachio (water/nut slurry)	aflatoxins B & G &/or total	100 g			
17/02/11	04169	rice	aflatoxins B & G &/or total	55 g			
09/03/11	04170	peanut	aflatoxins B & G &/or total	55 g			
14/03/11	04171 ^F	dried figs (water/fruit slurry)	aflatoxins B & G &/or total	100 g			
18/03/11	04172	animal feed (cereal based)	aflatoxins B & G &/or total	55 g			

Mycotoxins – Patulin

dispatch date dd/mm/yy	test details				place order		
	code	matrix	analyte	approx. quantity	✓	sample contact name & email	extra TMs
14/06/2010	1640 ^F	apple juice (clear)	patulin	50 mL			
05/10/2010	1641 ^F	apple purée	patulin	60 g			
17/01/2011	1642 ^F	apple juice (infant drink)	patulin (low level)	50 mL			
22/03/2011	1643 ^F	apple juice (cloudy)	patulin	50 mL			

Footnotes

^F tests incur courier charges

* tests charged at a higher rate

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Mycotoxins – Ochratoxin A

dispatch date dd/mm/yy	test details				place order		
	code	matrix	analyte	approx. quantity	✓	sample contact name & email	extra TMs
05/05/2010	1789	barley flour	ochratoxin A	55 g			
22/06/2010	1790 ^F	dried vine fruit (water/fruit slurry)	ochratoxin A	100 g			
15/07/2010	1791	grape juice	ochratoxin A	55 mL			
12/08/2010	1792	baby food	ochratoxin A	55 g			
10/09/2010	1793	paprika	ochratoxin A	55 g			
29/10/2010	1794	instant coffee	ochratoxin A	55 g			
02/12/2010	1795	wine	ochratoxin A	55 mL			
06/01/2011	1796	wheat flour	ochratoxin A	55 g			
04/02/2011	1797	roasted coffee	ochratoxin A	55 g			
24/02/2011	1798	animal feed	ochratoxin A	55 g			
17/03/2011	1799	cocoa	ochratoxin A	55 g			

Mycotoxins – Fusarium toxins

dispatch date dd/mm/yy	test details				place order		
	code	matrix	analyte	approx. quantity	✓	sample contact name & email	extra TMs
07/04/2010	2264	maize flour	FB ₁ & FB ₂ (<i>not</i> total fumonisins)	55 g			
21/04/2010	2265	maize flour	deoxynivalenol (DON)	55 g			
14/07/2010	2266	breakfast cereal	zearalenone (ZON)	55 g			
10/08/2010	2267	animal feed	deoxynivalenol (DON)	55 g			
11/08/2010	2268	breakfast cereal	deoxynivalenol (DON)	55 g			
27/10/2010	2269	animal feed	zearalenone (ZON)	55 g			
12/01/2011	2270	oat flour	T-2 & HT-2 toxins	55 g			
09/02/2011	2271	wheat flour	deoxynivalenol (DON)	55 g			
23/02/2011	2272	animal feed	T-2 & HT-2 toxins	55 g			
16/03/2011	2273	maize-based snack food	zearalenone (ZON)	55 g			

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Vitamins

dispatch date dd/mm/yy	test details				place order		
	code	matrix	analyte	approx. quantity	✓	sample contact name & email	extra TMs
11/05/2010	2164 ^F	liquid vitamin supplement	vitamins B ₁ , B ₂ (total) & B ₆	40 mL			
20/07/2010	2165 ^F	cod liver oil	vitamins A, D ₃ & E	40 g			
22/09/2010	2166	breakfast cereal	vitamins B ₁ , B ₂ (total) & B ₆ , total niacin & total folate	50 g			
05/11/2010	2167	powdered baby food	vitamins A, B ₁₂ , C & E	50 g			
11/01/2010	2168 ^{Fφ}	soft drink	vitamin B ₅ , B ₆ , B ₁₂	40 mL			
01/03/2011	2169	milk powder	vitamins A & D ₃	50 g			
29/03/2011	2170 ^{Fφ}	fruit cordial	vitamin C	40 mL			

Food Ingredients

dispatch date dd/mm/yy	test details				place order		
	code	matrix	analyte	approx. quantity	✓	sample contact name & email	extra TMs
06/04/2010	2075 ^F	tomato sauce	brix, pH, total acidity, sodium & chloride	150 g			
04/05/2010	2076 ^F	meat	sulphur dioxide	100 g			
23/06/2010	2077	jam	brix, pH, benzoic acid, citric acid & sorbic acid	50 g			
20/08/2010	2078	chocolate cake mix	caffeine, sorbic acid, theobromine & total sugars (expressed as sucrose)	50 g			
07/09/2010	2079 ^F	dried apricot (water/fruit slurry)	sulphur dioxide	100 g			
21/10/2010	2080 [§]	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			
14/12/2010	2081	oil	antioxidants BHA (E320), BHT (E321) & propyl gallate (E310)	50 mL			
11/03/2011	2082 [§]	tabasco 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

^F tests incur courier charges

^φ tests have a short timescale

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)

[§] both qualitative & quantitative results can be submitted

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Metallic Contaminants

dispatch date dd/mm/yy	test details				place order		
	code	matrix	analyte	approx. quantity	✓	sample contact name & email	extra TMs
21/04/10	07137	soft drink	antimony, arsenic (total) cadmium, chromium, copper & zinc (all high levels)	50 mL			
12/05/10	07138	milk powder	aluminium, cadmium, chromium, molybdenum & selenium (all high levels)	50 g			
16/06/10	07139	canned fish	arsenic (total), cadmium & mercury (total) (all natural levels)	150 g			
29/06/10	07140 ^F	tomato paste	cadmium, lead, iron & tin (all high levels)	50 g			
21/07/10	07141	chilli powder	arsenic (total), cadmium & lead (all high levels)	50 g			
25/08/10	07142	edible oil	arsenic (total), copper, iron & lead (all high levels)	50 mL			
25/08/10	07143	cocoa powder	cadmium & lead (both natural levels)	50 g			
15/09/10	07144	infant cereal	cadmium, chromium, lead, mercury (total), selenium (all natural levels)	50 g			
29/09/10	07145	wine	ph, cadmium & lead	100 mL			
20/10/10	07146	canned fish	arsenic (total), cadmium, mercury (total) (all natural levels)	150 g			
10/12/10	07147	chilli sugar paste	lead	25 g			
13/01/11	07148	soya flour	aluminium, arsenic (total), cadmium, lead & mercury (total) (all high levels)	50 g			
02/02/11	07149	canned crab meat	arsenic (total), cadmium, copper & mercury (total), (all natural levels)	150 g			
16/02/11	07150 ^F	fruit juice	cadmium, iron, lead, & tin (all high levels)	50 mL			
23/02/11	07151	powdered rice	arsenic (inorganic), arsenic (total) & cadmium (all high levels)	50 g			
29/03/11	07152 ^F	vegetable purée	cadmium, lead & tin (all high levels)	50 g			
30/03/11	07153	canned fish	arsenic (total), methyl mercury & mercury (total) (all natural levels)	150 g			

Footnotes

^F tests incur courier charges

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Fruit Juice, Soft & Alcoholic Drinks

dispatch date dd/mm/yy	test details				place order	
	code	matrix	analyte	approx. quantity	✓	sample contact name & email extra TMs
10/06/2010	0836	apple juice	brix, pH, total acidity, total sugars, magnesium, potassium & sodium	250 mL		
15/10/2010	0837	orange juice	brix, pH, citric acid, sucrose, glucose, fructose & total sugars	250 mL		
27/01/2011	0838	grapefruit juice	brix, pH, total acidity, total sugars, calcium, magnesium & potassium	250 mL		
31/03/2011	0839	cranberry juice	brix, pH, total acidity, total sugars, phosphorus & potassium	250 mL		
14/05/2010	0391	cola drink	benzoic acid, caffeine, acesulfame-k & saccharin	150 mL		
14/07/2010	0392	ground coffee	caffeine (2 test materials supplied, one regular, one decaffeinated)	2 x 30 g		
26/08/2010	0393	soft drink	brix, pH, citric acid, sorbic acid, cyclamate & saccharin	150 mL		
14/10/2010	0394 [§]	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		
15/12/2010	0395	cola drink	caffeine, benzoic acid, total sugars & phosphoric acid (as P ₂ O ₅)	150 mL		
28/01/2011	0396	tonic water	benzoic acid, quinine, acesulfame-K & aspartame	150 mL		
19/05/2010	1356	whisky	alcoholic strength, ethanal (acetaldehyde), ethyl acetate, methanol, propan-1-ol, 2-methylpropanol & 2-methylbutanol + 3-methylbutanol (sum)	200 mL		
09/09/2010	1357	rum	alcoholic strength, ethanal (acetaldehyde), ethyl acetate, methanol, propan-1-ol, 2-methylpropanol, 2-methylbutanol + 3-methylbutanol (sum)	200 mL		
20/10/2010	1358	brandy	alcoholic strength, ethanal (acetaldehyde), ethyl acetate, methanol, propan-1-ol, 2-methylpropanol & 2-methylbutanol + 3-methylbutanol (sum) & ethyl carbamate	200 mL		
08/12/2010	1359	wine	D-gluconic acid, ethanol & glycerol	200 mL		
16/02/2011	1360	wine	alcoholic strength, total SO ₂ , total acidity & volatile acidity	200 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)

[§] both qualitative & quantitative results can be submitted

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Oils & Fats

Most tests indicate groups of fatty acids and have code numbers marked ^C. In these tests participants *may* be asked to report results for only certain, named, fatty acids within each group, rather than the sum of all fatty acids in the group. The exact requirements for these tests will be dispatched together with the test material.

dispatch date dd/mm/yy	test details				place order		
	code	matrix	analyte	approx. quantity	✓	sample contact name & email	extra TMs
13/04/2010	1490 ^{FC}	nutritionally fortified oil (may contain LC-PUFAs)	saturates, mono-unsaturates, poly-unsaturates, trans fatty acids, linoleic acid, α -linolenic acid (ALA), ARA, EPA & DHA	30 mL			
17/05/2010	1491 ^{Fϕ}	olive oil	peroxide value, acidity, anisidine value & iodine value	100 mL			
08/06/2010	1492 ^C	infant formula (may contain LC-PUFAs)	total fat, saturates, mono-unsaturates, poly-unsaturates, trans fatty acids, linoleic acid, α -linolenic acid (ALA), ARA, EPA & DHA	50 g			
13/07/2010	1493 ^C	cereal product (may contain LC-PUFAs)	total fat, saturates, mono-unsaturates, poly-unsaturates, trans fatty acids, linoleic acid, α -linolenic acid (ALA), ARA, EPA & DHA	50 g			
03/08/2010	1494 ^{Fϕ}	olive oil	peroxide value, acidity, anisidine value & iodine value	100 mL			
23/08/2010	1495 ^{FC}	mixed fat spread	total fat, saturates, mono-unsaturates, poly-unsaturates, & trans fatty acids	50 g			
01/10/2010	1496 ^C	fish oil	omega-3 & omega-6 series fatty acids	30 mL			
08/11/2010	1497 ^{Fϕ}	mixed fat spread	total fat, butyric acid & cholesterol	50 g			
19/01/2011	1498 ^C	vegetable oil	saturates, mono-unsaturates & poly-unsaturates	30 mL			
08/03/2011	1499 ^{Fϕ}	olive oil	peroxide value, acidity, k232 & k270	100 mL			

Footnotes

^F tests incur courier charges

^C only certain, named, fatty acids *may* be requested, see note above

^{ϕ} tests have a short timescale

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Pesticide Residues – Animal Products

Each test material will contain any number of the pesticides given in List 1.

dispatch date dd/mm/yy	test details				place order		
	code	matrix	analyte	approx. quantity	✓	sample contact name & email	extra TMs
29/04/2010	0570	hydrogenated vegetable oil	selection from List 1	25 g			
	0570b	hydrogenated vegetable oil	BLANK (only available if ordered with test 0570)	25 g			
27/05/2010	0571	milk powder	selection from List 1	50 g			
27/07/2010	0572 ^F	minced oily fish	selection from List 1	50 g			
16/09/2010	0573	hydrogenated vegetable oil	selection from List 1	50 g			
	0573b	hydrogenated vegetable oil	BLANK (only available if ordered with test 0574)	25 g			
02/11/2010	0574 ^F	minced chicken	selection from List 1	25 g			
25/01/2011	0575 ^F	minced pork	selection from List 1	50 g			

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

aldrin	pp'-DDE	endosulfan sulfate	cis-heptachlor epoxide	triazophos
azinphos-ethyl	pp'-DDD (TDE)	endrin	trans-heptachlor epoxide	PCB 28
bifenthrin	op'-DDT	fenvalerate	methacrifos	PCB 52
cis-chlordane	pp'-DDT	formothion	methidathion	PCB 101
trans-chlordane	deltamethrin	alpha-hexachlorocyclohexane (α -HCH)	nitrofen	PCB 118
oxychlordane	diazinon	beta-hexachlorocyclohexane (β -HCH)	parathion-ethyl	PCB 138
chlorfenvinphos	dieldrin	gamma-hexachlorocyclohexane (lindane)	parathion-methyl	PCB 153
chlorpyrifos	alpha-endosulfan (endosulfan I)	hexachlorobenzene (HCB)	pirimiphos-methyl	PCB 180
cypermethrin	beta-endosulfan (endosulfan II)	heptachlor	quintozene	

Footnotes

F tests incur courier charges

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Pesticide Residues – Cereal Products

Each test material (except test 0968) will contain any number of the pesticides given in List 2.

dispatch date dd/mm/yy	test details				place order		
	code	matrix	analyte	approx. quantity	✓	sample contact name & email	extra TMs
12/05/10	0965	rye flour	selection from from list 2	50 g			
28/07/10	0966	maize flour	selection from from list 2	50 g			
06/10/10	0967	wheat flour	selection from from list 2	50 g			
	0967b	wheat flour	BLANK (only available if ordered with test 0967)	50 g			
17/11/10	0968	cereal	chlormequat (single pesticide)	50 g			
10/02/11	0969	rice	selection from List 2	50 g			
23/03/11	0970	breakfast cereal	selection from from list 2	50 g			

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

azoxystrobin	diazinon	fenpropimorph	parathion-ethyl	tebuconazole
bifenthrin	dichlorvos	formothion	penconazole	thiabendazole
carbaryl	difenoconazole	gamma-HCH (lindane)	pendimethalin	thiodicarb
carbendazim	dimoxystrobin	imazalil	permethrin	thiophanate-methyl
chlorpropham	alpha-endosulfan (endosulfan I)	iprodione	phosmet	triazophos
chlorpyrifos	beta-endosulfan (endosulfan II)	isofenphos-methyl	phosphamidon (sum of E + Z isomers)	trifloxystrobin
chlorpyrifos-methyl	endosulfan sulfate	kresoxim-methyl	pirimicarb	vinclozolin
cypermethrin	epoxiconazole	malathion	pirimiphos-methyl	
cyproconazole	etrimphos	malaoxon	prochloraz	
lambda-cyhalothrin	fenitrothion	methacrifos	procymidone	
deltamethrin	fenhexamid	methomyl	propiconazole	

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Pesticide Residues – Fruits, Vegetables & Drinks

Each test material will contain any number of the pesticides given in List 3, except test 19116F, which will contain any number of the pesticides given in List 4.

dispatch date dd/mm/yy	test details				place order	
	code	matrix	analyte	approx. quantity	✓	sample contact name & email extra TMs
26/04/2010	19105 ^F	pear purée	pesticide residues from List 3	90 g		
	19105b ^F	blank pear purée	BLANK (only available if ordered with test 19105)	90 g		
26/04/2010	19106 ^F	tomato purée	pesticide residues from List 3	90 g		
	19106b ^F	blank tomato purée	BLANK (only available if ordered with test 19106)	90 g		
24/05/2010	19107	wine	pesticide residues from List 3	90 mL		
	19107b ^F	blank wine	BLANK (only available if ordered with test 19107)	90 mL		
24/05/2010	19108 ^F	leek purée	pesticide residues from List 3	90 g		
	19108b ^F	blank leek purée	BLANK (only available if ordered with test 19108)	90 g		
13/09/2010	19109 ^F	fruit smoothie	pesticide residues from List 3	90 g		
	19109b ^F	blank fruit smoothie	BLANK (only available if ordered with test 19109)	90 g		
13/09/2010	19110 ^F	lettuce purée	pesticide residues from List 3	90 g		
	19110b ^F	blank lettuce purée	BLANK (only available if ordered with test 19110)	90 g		
25/10/2010	19111 ^F	blueberry purée	pesticide residues from List 3	90 g		
	19111b ^F	blank blueberry puree	BLANK (only available if ordered with test 19111)	90 g		
25/10/2010	19112 ^F	nectarine purée	pesticide residues from List 3	90 g		
	19112b ^F	blank nectarine purée	BLANK (only available if ordered with test 19112)	90 g		
15/11/2010	19113 ^F	green bean purée	pesticide residues from List 3	90 g		
	19113b ^F	blank green bean purée	BLANK (only available if ordered with test 19113)	90 g		
15/11/2010	19114 ^F	grapefruit juice	pesticide residues from List 3	90 mL		
	19114b ^F	blank grapefruit juice	BLANK (only available if ordered with test 19114)	90 mL		
24/01/2011	19115 ^F	apple purée	pesticide residues from List 3	90 g		
	19115b ^F	blank apple purée	BLANK (only available if ordered with test 19115)	90 g		
24/01/2011	19116	tea	pesticide residues from List 4	50 g		
	19116b ^F	blank tea	BLANK (only available if ordered with test 19116)	50 g		
21/02/2011	19117 ^F	grape purée	pesticide residues from List 3	90 g		
	19117b ^F	blank grape purée	BLANK (only available if ordered with test 19117)	90 g		
21/02/2011	19118 ^F	cucumber purée	pesticide residues from List 3	90 g		
	19118b ^F	blank cucumber purée	BLANK (only available if ordered with test 19118)	90 g		

Footnotes

^F tests incur courier charges

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

acephate	cyfluthrin	fenoxy carb	omethoate	quinalphos
acetamiprid	lambda-cyhalothrin	fenpropathrin	oxadixyl	quinoxifen
acrinathrin	cypermethrin	fenpropimorph	oxamyl	spinosad
aldicarb	cyprodinil	fenvalerate	oxydemeton-methyl (demeton-S-methyl sulfoxide)	spiromaxime
aldicarb sulfone	pp'-DDD (TDE)	fludioxonil	paclobutrazol	tebuconazole
aldicarb sulfoxide	pp'-DDE	flufenoxuron	paraoxon-methyl	tebufenozide
amitraz	op'-DDT	flusilazole	parathion (-ethyl)	tebufenpyrad
azinphos-methyl	pp'-DDT	folpet	parathion-methyl	tecnazene
azoxystrobin	deltamethrin	fosthiazate	penconazole	teflubenzuron
bifenthrin	demeton-S-methyl sulfone	hexaconazole	pendimethalin	tefluthrin
bitertanol	diazinon	hexythiazox	permethrin (sum isomers)	tetraconazole
boscalid	dichlofluanid	imazalil	phenthoate	tetradifon
bromopropylate	dichlorvos	imidacloprid	phosalone	thiabendazole
bromuconazole	dicloran	indoxacarb	phosmet	thiacloprid
bupirimate	dicofol	iprodone (sum)	pirimicarb	thiamethoxam
buprofezin	dimethoate	iprovalicarb	pirimiphos-methyl	thiodicarb
cadusafos	dimethomorph (sum)	kresoxim-methyl	prochloraz	tolclofos-methyl
carbaryl	diphenylamine	linuron	procymidone	tolyfluanid
carbendazim + benomyl + thiophanate-methyl (sum)	alpha-endosulfan (endosulfan I)	mepanipyrim	profenofos	triadimefon
carbofuran	beta-endosulfan (endosulfan II)	metalaxyl + metalaxyl-M	propamocarb	triadimenol
3-hydroxy carbofuran	endosulfan sulfate	methamidophos	propargite	triazophos
chlorfenapyr	ethion	methidathion	propiconazole	trifloxystrobin
chlorfenvinphos	ethoprophos	methiocarb	propyzamide	trifluralin
chlorobenzilate	fenamiphos (sum)	methiocarb sulfone	prothioconazole desthio	vinclozolin
chlorothalonil	fenarimol	methiocarb sulfoxide	pyraclostrobin	zoxamide
chlorpropham	fenazaquin	methomyl	pyrethrins (sum)	
chlorpyrifos (-ethyl)	fenbuconazole	methoxyfenozide	pyridaben	
chlorpyrifos-methyl	fenhexamid	monocrotophos	pyrimethanil	
clofentezine	fenitrothion	myclobutanil	pyriproxyfen	

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

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

FAPAS[®] PROGRAMME & PROFICIENCY TEST ORDER FORM

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Participation Fees

NOTES

- a) The cost of participation is shown in the table below. The fee includes a digitally signed PDF copy of the report. Printed copies of the report incur an extra fee; see under Additional Items.
- b) A discount applies if 6 or more tests are purchased on a single order. However, the discount does not apply to extra test materials, tests with code numbers ending 'b' (blanks to accompany certain tests), paper reports and all carriage charges.
- c) If ordered at the same time as proficiency tests then additional items (paper reports extra test materials, blanks to accompany certain tests and phytosanitary certificates) are charged as shown in the table below.

PROFICIENCY TESTS	PRICE		
	£ GBP	€ Euro	\$ USD
each FAPAS [®] test, <i>except</i> numbers: 02151-02167 inclusive, 04160, 2584, 0645, 0646, 0647 & 2785	145	205	280
each FAPAS [®] vet. drug residue test numbered: 02151 to 02167 inclusive	175	235	330
each FAPAS [®] test numbered: 0646 (PAH), 0647 (PAH), 2584 (amino acids) & 2785 (allergens)	280	410	540
each FAPAS [®] test numbered: 0645 (dioxins)	435	620	870

DISCOUNTS applicable to above prices	
0-5 tests	0%
6-20 tests	5%
21-25 tests	7.5%
26-45 tests	15%
46-55 tests	25%
56-70 tests	30%
71 tests or more	32%

ADDITIONAL ITEMS			
	PRICE		
	£ GBP	€ Euro	\$ USD
Paper copy of test report (electronic copy included in test price)	45	55	80
Extra & blank test materials	45	55	80
Phytosanitary Certificate	35	40	60

FAPAS[®] PROGRAMME & PROFICIENCY TEST ORDER FORM

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Carriage Charges

NOTES

- a) All tests with code numbers ending 'F' are automatically sent by courier and incur courier charges as set out in the table below.
- b) Participants opting to have packages sent by courier should contact us for further details of these charges.
- c) All packages sent by regular post to non-European (non-EU) destinations incur an additional 5% of the total cost.

	PRICE		
	£ GBP	€ Euro	\$ USD
UK Courier Charge	15	-	-
EU Courier Charge	60	85	115
Non-EU Courier Charge	65	90	125

Cancelation Charges

Tests cancelled with less than one month's notice will be charged at full rate. Tests cancelled with more than one month's notice will be charged at 50% of the test fee or can be exchanged for a different test.

Invoicing & Payment

Do NOT send payment until invoiced.

Once invoiced please pay within the terms stated on your invoice. The invoice will be issued shortly after your order is received. This means that you will be paying for some tests in advance. Please refer to our terms and conditions for full details.

Cheques should be made payable to The Food and Environment Research Agency in GBP (paid using a cheque drawn on a UK bank), or made payable in EUR or USD. BACS payments and bank credit transfers are acceptable please see your invoice for details. Please ensure that your payment includes all bank charges incurred in transferring fees. FERA will not be liable for these charges and will aim to recover any costs incurred from participants. Credit card payments are also acceptable.

The liability for Valued Added Tax (VAT) on the services provided is as follows: UK & The Isle of Man participants are liable for UK VAT. EU (not UK) participants who are not registered for VAT are liable for UK VAT. Participants who are registered for VAT and who receive the supply for business purposes are not liable for UK VAT and should account for any tax locally. Please supply your VAT number on the order form. Non-EU participants are not liable for UK VAT. VAT, when charged, will be at the rate applicable from 1st January 2010 of 17.5%.