Fapas® –
Food Chemistry
Pesticide Residues Analyte List

2017/2018

fapas

Proficiency Testing from fera

Potential Pesticide Residues and PCBs – List 1

Potential pesticide residues and PCBs (parent compound only unless otherwise stated)

aldrin	pp′-DDE	fenthion	methoxychlor	vinclozolin
azinphos-ethyl	pp′-DDD (TDE)	fenvalerate (sum of all isomers)	parathion (-ethyl)	PCB 28
bifenthrin	op′-DDT	hexachlorobenzene (HCB)	parathion-methyl	PCB 52
cis-chlordane	pp'-DDT	alpha-hexachlorocyclohexane (α-HCH)	pendimethalin	PCB 101
trans-chlordane	deltamethrin	beta-hexachlorocyclohexane (β-HCH)	permethrin (sum isomers)	PCB 118
oxychlordane	diazinon	gamma- hexachlorocyclohexane (lindane)	pirimiphos-methyl	PCB 138
chlorfenvinphos	dieldrin	delta-HCH (δ-HCH)	profenofos	PCB 153
chlorpyrifos (-ethyl)	alpha-endosulfan (endosulfan I)	heptachlor	pyrazophos	PCB 180
chlorpyrifos-methyl	beta-endosulfan (endosulfan II)	cis-heptachlor epoxide	quintozene	
cyfluthrin (sum isomers)	endosulfan sulfate	indoxacarb	spinosad	
lambda-cyhalothrin	endrin	trans-heptachlor epoxide	tecnazene	
cypermethrin	famoxadone	methidathion	triazophos	

Potential Pesticide Residues – List 2

Potential pesticide residues

cadusafos	fensulfothion oxon sulfone
demeton-S-methyl sulfone	fentin (as triphenyltin cation)
diphenylamine	fipronil (parent only)
disulfoton	haloxyfop
disulfoton sulfoxide	nitrofen
disulfoton sulfone	omethoate
ethoprophos	oxydemeton-methyl
fensulfothion	terbufos
fensulfothion sulfone	terbufos sulfone
fensulfothion oxon	terbufos sulfoxide

Potential Pesticide Residues – List 3

Potential pesticide residues (parent compound only unless otherwise stated)

2,4-D	cyprodinil	fenpropimorph	mandipropamid	propiconazole
2-phenylphenol	cyromazine	fenpyroximate	mecarbam	propoxur
abamectin	pp'-DDD (TDE)	fensulfothion	mepanipyrim	propyzamide
acephate	pp'-DDE	fensulfothion sulfone	metaflumizone (sum)	prosulfocarb
acetamiprid	op'-DDT	fensulfothion oxon	metalaxyl (sum)	prothiofos
acetochlor	pp'-DDT	fensulfothion oxon sulfone	metamitron	pymetrozine
acrinathrin	deltamethrin	fenthion	metconazole	pyraclostrobin
aldicarb	demeton-S-methyl sulfone	fenthion sulfoxide	methacrifos	pyrazophos
aldicarb sulfone (aldoxycarb)	desmethyl-pirimicarb	fenthion sulfone	methamidophos	pyridaben
aldicarb sulfoxide	diafenthiuron	fenvalerate (sum)	methidathion	pyridalyl
aldrin	diazinon	fipronil	methiocarb	pyridaphenthion
allethrin	dichlorvos	fipronil sulfone	methiocarb sulfone	pyrimethanil
anthraquinone	dicloran	flonicamid	methiocarb sulfoxide	pyriproxyfen
atrazine	dicofol	fluazifop-P (free acid)	methomyl	quinalphos
azinphos (-ethyl)	dicrotophos	flubendiamide	methoxychlor	quinoxyfen
azinphos-methyl	dieldrin	flucythrinate	methoxyfenozide	quintozene
azoxystrobin	diethofencarb	fludioxonil	metolachlor	spinosad (sum)
benalaxyl	difenoconazole	flufenoxuron	metrafenone	spirodiclofen
bendiocarb	diflubenzuron	fluopicolide	metribuzin	spiromesifen
bifenthrin	dimethoate	fluopyram	mevinphos	spirotetramat
biphenyl	dimethomorph (sum)	fluquinconazole	monocrotophos	spiroxamine
bitertanol	dimoxystrobin	flusilazole	monolinuron	tebuconazole
boscalid	diniconazole	flutolanil	myclobutanil	tebufenozide
bromophos-ethyl	dinotefuran	flutriafol	nitrofen	tebufenpyrad
bromopropylate	diphenylamine	tau-fluvalinate	omethoate	tecnazene
bromuconazole (sum)	disulfoton	fonofos	oxadiazon	teflubenzuron
bupirimate	disulfoton sulfoxide	formothion	oxadixyl	tefluthrin
buprofezin	disulfoton sulfone	fosthiazate	oxamyl	terbufos
cadusafos	DMST	furathiocarb	oxydemeton-methyl (demeton-S-methyl sulfoxide)	terbufos sulfoxide
captan	dodine	HCB (hexachlorobenzene)	oxyfluorfen	terbufos sulfone
carbaryl	alpha-endosulfan (endosulfan I)	alpha-HCH	paclobutrazol	terbuthylazine
carbendazim	beta-endosulfan (endosulfan II)	beta-HCH	parathion (-ethyl)	tetrachlorvinphos
carbofuran	endosulfan sulfate	gamma-HCH (lindane)	parathion-methyl	tetraconazole
3-hydroxycarbofuran	endrin	heptachlor	penconazole	tetradifon
carboxin	EPN	*cis*-heptachlor epoxide	pencycuron	tetramethrin
chlorantraniliprole	epoxiconazole	*trans*-heptachlor epoxide	pendimethalin	TFNA
cis-chlordane	ethion	heptenophos	pentachloroaniline	TFNG
trans-chlordane	ethirimol	hexaconazole	permethrin (sum)	thiabendazole
chlorfenapyr	ethoprophos	hexythiazox	phenthoate	thiacloprid
chlorfenvinphos (sum)	etofenprox	imazalil	phorate,	thiamethoxam
chloridazon	etoxazole	imidacloprid	phorate sulfone	thiodicarb
chlorobenzilate	etrimfos	indoxacarb (sum)	phorate sulfoxide	tolclofos-methyl
chlorothalonil	famoxadone	iprodione	phosalone	tolfenpyrad
chlorpropham	fenamidone	iprovalicarb	phosmet	tolylfluanid
chlorpyrifos-ethyl	fenamiphos	isocarbofos	phosphamidon	triadimefon
chlorpyrifos-methyl	fenamiphos sulfoxide	isofenphos (-ethyl)	piperonyl butoxide	triadimenol
chlorthal-dimethyl	fenamiphos sulfone	isofenphos-methyl	pirimicarb	triallate
clofentezine	fenarimol	isoprocarb	pirimiphos(-ethyl)	triazophos
clothianidin	fenazaquin	isoprothiolane	pirimiphos-methyl	tricyclazole
coumaphos	fenbuconazole	isoproturon	prochloraz	trifloxystrobin
cyazofamid	fenbutatin oxide	kresoxim-methyl	procymidone	triflumuron
cyfluthrin (sum)	fenhexamid	lenacil	profenofos	trifluralin
cymoxanil	fenitrothion	linuron	promecarb	triticonazole
lambda-cyhalothrin	fenoxycarb	lufenuron	prometryn	vinclozolin
cypermethrin	fenpropathrin	malaoxon	propamocarb	zoxamide
cyproconazole	fenpropidin	malathion	propargite	

Potential Pesticide Residues – List 4

chlorate
perchlorate
benzalkonium chloride (BAC-10; BAC-12; BAC-14; BAC-16)
didecyldimethylammonium chloride (DDAC-C10)

Potential Pesticide Residues – List 5

2-phenylphenol	cypermethrin (sum isomers)	beta-endosulfan (endosulfan II)	beta-HCH	pirimiphos-methyl
abamectin	deltamethrin	endosulfan sulfate	gamma-HCH (lindane)	procymidone
acetamiprid	diazinon	ethion	imidacloprid	propargite
anthraquinone	dicofol	fenazaquin	linuron	pyridaben
bifenthrin	dimethoate	fenitrothion	malathion	pyrimethanil
buprofezin	pp'-DDD (TDE)	fenpropathrin	methomyl	quinalphos
chlorfenvinphos	pp'-DDE	fenpropimorph	monocrotophos	terbuthylazine
chlorothalonil	op'-DDT	fenvalerate (sum isomers)	oxadixyl	tolfenpyrad
chlorpyrifos-ethyl	pp'-DDT	HCB (hexachlorobenzene)	phenthoate	trifloxystrobin
lambda-cyhalothrin	alpha-endosulfan (endosulfan I)	alpha-HCH	phosalone	

Ordering Information

Notes:

a) The dispatch date shown is our planned dispatch date. You will be notified by email if any of the tests you order are delayed or cancelled for any reason. The majority of test close dates are 6-8 weeks after dispatch.

b) Registrations for proficiency tests in the Fapas® – Food Chemistry Programme will close 14 days before the start date of the test.

c) Indicate a contact name and email address against each test you order.

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 requested. Please contact Fapas for prices of sending test materials by courier.

Additional notes:

i. Dispatch

a) *If appropriate* samples are packed in insulated boxes together with ice blocks to prevent them undergoing large temperature fluctuations in transit but are they not transported in refrigerated vehicles. Even if these samples do not arrive refrigerated they will still be acceptable for use as they will have been chilled for the majority of their journey.

b) Please contact us if your postal dispatch has not arrived within 10 working days, or your courier dispatch has not arrived within 4 working days.

c) The tracking number of your courier consignment will be sent to the email address given for the sample contact and the delivery contact for that test. The message will indicate how to track the consignment.

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) We are 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. There is a charge for this service.

c) Phytosanitary certificates can be provided for plant based products where appropriate. There is a charge for this service.

iii. Results

a) Participants generally have 6-8 weeks to return results after a test material is dispatched.

b) Result submission will only be allowed via the Fapas website.

iv. 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) Reports are normally available on our website within 25 days of the closing date of the test.

c) 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.

Technical Information

Protocols

- Protocol part 1: Generic
  [English] [Espanol]
- Protocol part 2: Fapas® Food Chemistry
  [English] [Espanol]

Other technical documents

- Example Report
- On line results submission instructions [English] [Espanol]
- Terms & Conditions

ISO Accreditation

The Fapas® proficiency testing schemes are accredited by UKAS, Proficiency Testing Provider No. 0009.

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- UKAS Accreditation Certificate
- UKAS Schedule of Accreditation

This accreditation confirms that we comply with the requirements of International Standard ISO/IEC 17043:2010.

In addition, Fera is accredited by other external bodies to other internationally recognised standards including ISO 9001:2008.

- Fera's Quality Documentation

Fapas® (and other proficiency testing schemes) does not award accreditation. That is the responsibility of national accreditation bodies. A list of national and international accreditation bodies can be found at www.fasor.com/iso25. Results of proficiency testing are used by laboratory accreditation bodies as part of the process to assess the ability of laboratories to perform analytical tests for which accreditation is required.

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