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FOOD AND BEVERAGE CHEMISTRY

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Original thinking... applied

FOOD AND BEVERAGE CHEMISTRY PROFICIENCY TESTS

The confidence in analytical data provided to producers can be enhanced through using proficiency testing. Proficiency testing (PT) provides evidence, from an independent source, regarding the competency of the laboratory supplying the analytical service. Important commercial and safety decisions are made on the results of laboratory analysis, so it pays to monitor performance to ensure you can rely on these results.

Our Food Chemistry programme covers chemical analysis of real food samples for a wide range of target analytes including: nutritional components, additives, allergens, natural contaminants, pesticide and veterinary medicine residues, and packaging chemical migrants.

Quantity discounts (for materials purchased in a single order) excluding blank materials and courier prices

Quantity	Discount	
21 - 45 tests	5%	
46 - 70 tests	10%	
71 or more	20%	
Courier prices until March 31st 2022		
Courier	74 € / EU	79 € / Non-EU
Courier Express	34 € / EU	50 € / Non-EU
Courier prices as from April 1st 2022		
Courier	76 € / EU	81 € / Non-EU
Courier Express	35 € / EU	51 € / Non-EU

Note: The information in this price list is designed to assist you in choosing proficiency tests to meet your needs. Whilst every care has been taken in producing this information, we do not guarantee its accuracy. The Fapas® website is the definitive source of information about our proficiency tests. Orders are subject to the Fapas® terms and conditions, which are available on our website. Please check the website before placing your order.

Prices do not include taxes, import duties, inspection fees or carriage charges which are extra. Items indicated with ❄️ are sent frozen/chilled and incur higher carriage charges.

Item Code	Matrix	Analytes	Product Code	Approx. Size	❄️	Start Date	Fee (EUR)
13101	Whisky	alcoholic strength (real and/or apparent), ethanal (acetaldehyde), ethyl acetate, methanol, propan-1-ol, 2-methylpropan-1-ol & 2-methylbutan-1-ol + 3-methylbutan-1-ol (sum)	FCOH3-DRA10	200 ml		09/03/2022	373
13102	Wine	alcoholic strength, total SO ₂ , total acidity, volatile acidity and wine quality indicators	FCOH4-DRA13	500 ml		04/08/2022	384

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
13103	Brandy	alcoholic strength (real and/or apparent), ethanal (acetaldehyde), ethyl acetate, methanol, propan-1-ol, 2-methylpropan-1-ol, 2-methylbutan-1-ol + 3-methylbutan-1-ol (sum) & ethyl carbamate	FCOH2-DRA4	200 ml		24/11/2022	384
13104	Whisky	alcoholic strength (real and/or apparent), ethanal (acetaldehyde), ethyl acetate, methanol, propan-1-ol, 2-methylpropan-1-ol & 2-methylbutan-1-ol + 3-methylbutan-1-ol (sum)	FCOH3-DRA10	200 ml		15/03/2023	384
3117	Beverage	alcohol (ethanol) Halal Compliance Check	FCOH1-DRA2	3 x 200 ml		15/08/2022	329

ALLERGENS

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
27313	Infant Soya Formula	milk (BLG)	FCAL13-INF13	2 x 20 g		06/01/2022	304
27314	Cooked Biscuit	gluten, milk and egg	FCAL7-PRO14	30 g		20/01/2022	388
27315	Chocolate	peanut, peanut protein	FCAL16-CON2	2 x 20 g		03/02/2022	304
27316	Infant Soya Formula	milk (casein) & gluten	FCAL15-INF13	2 x 20 g		17/02/2022	388
27317	Spice - Cumin	gluten & sesame	FCAL22-SPI8	2 x 20 g		24/02/2022	304
27318	Flour	lupin	FCAL12-CCP28	2 x 20 g		02/03/2022	304
27319	Cooked Biscuit	hazelnut, peanut	FCAL9-PRO14	50 g		11/03/2022	388
27320	Canned Fish	histamine (high level >50 mg/kg)	FCAL10-SEA7	145 g		24/03/2022	304
27321	Sausage Meat (Raw)	gluten	FCAL6-MRP39	2 x 20 g		29/03/2022	304
27323	Wheat Flour	soya, soya protein	FCAL17-CCP49	2 x 20 g		08/04/2022	312
27324	Cake Mix	egg, egg white protein	FCAL5-PRO10	2 x 20 g		14/04/2022	312
27325	Garlic Powder	peanut, peanut protein	FCAL16-SPI10	2 x 20 g		28/04/2022	312
27326	Cake Mix	gluten	FCAL6-PRO10	2 x 20 g		05/05/2022	312
27327	Chocolate	hazelnut, hazelnut protein	FCAL8-CON2	2 x 20 g		19/05/2022	312
27328	Instant Soup Powder	celery, mustard	FCAL2-PRO27	2 x 20 g		10/06/2022	312
27329	Infant Breakfast Cereal	milk (casein & BLG)	FCAL21-INF6	2 x 20 g		16/06/2022	399
27331	Cake Mix	gluten, milk and egg	FCAL7-PRO10	2 x 30 g		07/07/2022	399
27332	Oat Based Foodstuff	gluten	FCAL6-CCP37	2 x 20 g		20/07/2022	312
27333	Swab (Cotton)	gluten, milk and egg	FCAL7-UNF12	6 x swab		27/07/2022	399
27334	Canned Fish	histamine (low level, <50 mg/kg)	FCAL11-SEA7	145 g		05/08/2022	312

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
27335	Infant Formula (hydrolysed)	milk (casein & BLG)	FCAL21-INF20	2 x 20 g		25/08/2022	312
27336	Chocolate	almond, almond protein	FCAL1-CON2	2 x 20 g		01/09/2022	312
27337	Wheat Flour	soya, soya protein	FCAL17-CCP49	2 x 20 g		15/09/2022	312
27338	Jam	sulphites	FCAL18-CON7	80 g		27/09/2022	312
27339	Beer	gluten	FCAL6-DRA1	2 x 50 ml		17/10/2022	399
27340	Canned Fish	histamine (high level >50 mg/kg)	FCAL10-SEA7	145 g		27/10/2022	312
27341	Sauce (Cooked)	Fish	FCAL20-CON23	2 x 30 g		14/11/2022	399
27342	Cake Mix	gluten & egg	FCAL23-PRO10	2 x 30 g		17/11/2022	354
27343	Chocolate	contamination with one or more from a variety of tree nuts and ground nut (peanut)	FCAL3-CON2	50 g		25/11/2022	399
27344	Bread	walnut	FCAL24-PRO6	2 x 20 g		08/12/2022	399
27345	Infant Soya Formula	milk (BLG)	FCAL13-INF13	2 x 20 g		05/01/2023	312
27346	Cooked Biscuit	gluten, milk and egg	FCAL7-PRO14	30 g		19/01/2023	399
27347	Swab (Cotton)	peanut, sesame, soya	FCAL27-UNF12	6 x swab		26/01/2023	399
27348	Chocolate	peanut, peanut protein	FCAL16-CON2	2 x 20 g		02/02/2023	312
27349	Sauce (Uncooked)	crustacea	FCAL26-PRO46	2 x 20 g		06/02/2023	399
27350	Infant Soya Formula	milk (casein) & gluten	FCAL15-INF13	2 x 20 g		16/02/2023	399
27351	Spice - Cumin	gluten & sesame	FCAL22-SPI8	2 x 20 g		23/02/2023	312
27352	Flour	lupin	FCAL12-CCP28	2 x 20 g		01/03/2023	312
27353	Cooked Biscuit	hazelnut, peanut	FCAL9-PRO14	50 g		10/03/2023	399
27354	Canned Fish	histamine (high level >50 mg/kg)	FCAL10-SEA7	145 g		23/03/2023	312
27355	Sausage Meat (Raw)	gluten	FCAL6-MRP39	2 x 20 g		28/03/2023	312

AUTHENTICITY

Adulteration

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
2997	Vanilla Extract	detection of adulteration	FCAA1-CON31	30 g		14/01/2022	293
2998	Beef	one or more from: chicken, horse, lamb or pork	FCAA4-MRP2	30 g		02/02/2022	293
2999	Chicken	one or more from: beef, lamb, pork or turkey	FCAA3-MRP14	30 g		06/04/2022	301
29101	Lamb	one or more from: beef, chicken, goat or pork	FCAA2-MRP22	30 g		06/07/2022	301
29102	Garlic Powder	detection of adulteration	FCAA1-SPI10	4 x 7 g		12/08/2022	564
3303	Oil	Cannabidiol	FCAA5-OIL20	2 x 2 ml		25/10/2022	462
29104	Herb (Salvia spp.)	detection of adulteration	FCAA1-VEG109	3 x 7 g		10/11/2022	564
14264	Olive Oil	detection of adulteration	FCAA1-OIL22	3 x 50 ml		12/12/2022	564

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
29105	Vanilla Extract	detection of adulteration	FCAA1-CON31	30 g		13/01/2023	301
29106	Beef	one or more from: chicken, horse, lamb or pork	FCAA4-MRP2	30 g		01/02/2023	301

Contamination (Halal / Vegan Compliance Check)

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
3116	Beef	pork (DNA) Halal Compliance Check	FCAC1-MRP2	2 x 30 g		19/04/2022	410
3117	Beverage	alcohol (ethanol) Halal Compliance Check	FCOH1-DRA2	3 x 200 ml		15/08/2022	329
29100	Plant Based Food (Vegan Compliance Check)	animal DNA (Vegan Compliance Check)	FCAC3-PRO45	2 x 50 g		20/06/2022	399

Speciation

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
29103	Fish	identification of unknown fish (3 samples from a list). See list on p37	FCAS1-SEA11	3 x 10 g		17/10/2022	301

CONTAMINANTS

Bacterial Contaminants

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
SEQ0101	Bacterial DNA	MLST Type	FSOD01-UMI46	1 tube		01/03/2023	321

Environmental Contaminants

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
06107	Fish	Perfluoroalkylated substances (PFASs)	FCCE5-SEA11	50 g		04/01/2022	386
06108	Palm Oil	PAHs (including PAH4 sum)	FCCE2-OIL24	30 ml		18/02/2022	548
06109	Milk	Dioxins & PCBs	FCCE3-DRY13	70 g		14/03/2022	548
06112	Shellfish	PAHs (including PAH4 sum)	FCCE2-SEA23	50 g		26/04/2022	563
06113	Olive Oil	all 16 EU priority PAHs (including PAH4 sum)	FCCE1-OIL22	30 ml		25/05/2022	626
06114	Pork	Dioxins & PCBs	FCCE3-MRP35	70 g		09/06/2022	563
06115	Cocoa Butter	PAHs (including PAH4 sum)	FCCE2-FAT7	50 g		04/07/2022	563
06116	Infant Formula	Dioxins & PCBs	FCCE3-INF10	70 g		11/08/2022	563
06117	Smoked Fish Product	PAHs (including PAH4 sum)	FCCE2-SEA25	50 g		06/09/2022	563

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
06118	Cod Liver Oil	Dioxins & PCBs	FCCE3-OIL10	30 ml		21/10/2022	563
06119	CBD Product (Oil Based)	PAHs (including PAH4 sum)	FCCE2-UMI44	10 ml		25/10/2022	563
06120	Spice - Smoked Black Pepper	PAHs (including PAH4 sum)	FCCE2-SPI26	15 g		11/11/2022	563
06121	Cod Liver Oil	Brominated Flame Retardants (BFRs)	FCCE6-OIL10	30 ml		08/12/2022	397
06122	Fish	Perfluoroalkylated substances (PFASs)	FCCE5-SEA11	50 g		03/01/2023	386
06123	Palm Oil	PAHs (including PAH4 sum)	FCCE2-OIL24	30 ml		10/02/2023	563
06124	Milk	Dioxins & PCBs	FCCE3-DRY13	70 g		10/03/2023	563

Overall Migration (Packaging Contaminants)

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
1165	Nylon Film	overall migration into ethanol by total immersion	FCCO1-PMM13	6 sheets 12 cm x 16		27/04/2022	304
1166	Plastic Film	overall migration into olive oil by total immersion	FCCO2-PMM16	to be decided		26/10/2022	347

Processing Contaminants

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
2668	Soy Sauce	3-MCPD, 1,3-DCP & 2-MCPD	FCCP2-CON15	40 g		23/02/2022	301
2669	Vegetable Oil	3-MCPD esters, glycidol esters (ester-bound glycidol) & 2-MCPD esters	FCCP1-OIL30	50 ml		13/04/2022	309
2670	Potato Crisps	3-MCPD esters, glycidol esters (ester-bound glycidol) & 2-MCPD esters	FCCP1-PRO31	50 g		06/05/2022	309
2671	Infant Formula	3-MCPD esters, glycidol esters (ester-bound glycidol) & 2-MCPD esters	FCCP1-INF10	50 g		08/06/2022	340
2672	Vegetable Oil	3-MCPD esters, glycidol esters (ester-bound glycidol) & 2-MCPD esters	FCCP1-OIL30	50 ml		21/09/2022	309
2673	Soy Sauce	3-MCPD, 1,3-DCP & 2-MCPD	FCCP2-CON15	40 g		22/02/2023	309
30119	Coffee	a selection of furans	FCCP9-DRH6	35 g		24/01/2022	288
30120	Potato Crisps	acrylamide	FCCP3-PRO31	50 g		17/02/2022	288
30121	Infant Formula	melamine & cyanuric acid (<5 mg/kg)	FCCP8-INF10	50 g		04/03/2022	288
30122	Coffee (Ground)	acrylamide	FCCP3-DRH10	50 g		27/04/2022	296
30123	Vegetable Crisps	acrylamide	FCCP3-PRO37	50 g		12/05/2022	296
30124	Infant Food	acrylamide	FCCP3-INF8	50 g		09/06/2022	296

Item Code	Matrix	Analytes	Product Code	Approx. Size	☼	Start Date	Fee (EUR)
30125	Animal Feed (Cereal Based)	melamine & cyanuric acid	FCCP5-AFE2	50 g		30/06/2022	296
30126	Biscuit (Cookie)	acrylamide	FCCP3-PRO2	50 g		29/07/2022	296
30127	French Fries (Pre-Cooked)	acrylamide	FCCP3-PRO25	50 g	☼	19/09/2022	296
30128	Milk Powder	melamine & cyanuric acid (>5 mg/kg)	FCCP7-DRY14	50 g		05/10/2022	296
30129	Baby Food (Cereal Based)	a selection of furans	FCCP9-INF21	50 g	☼	17/10/2022	296
30130	Coffee (Instant)	acrylamide	FCCP3-DRH12	50 g		02/11/2022	296
30131	Crispbread	acrylamide	FCCP3-PRO15	50 g		30/11/2022	296
30132	Coffee	a selection of furans	FCCP9-DRH6	35 g	☼	23/01/2023	296
30133	Potato Crisps	acrylamide	FCCP3-PRO31	50 g		16/02/2023	296
30134	Infant Formula	melamine & cyanuric acid (<5 mg/kg)	FCCP8-INF10	50 g		03/03/2023	296

Specific Migration (Phthalates, BPA, PAA)

Item Code	Matrix	Analytes	Product Code	Approx. Size	☼	Start Date	Fee (EUR)
12109	Oil	phthalates	FCCS5-OIL20	2 x 50 ml		23/03/2022	296
12110	3% aq. Acetic Acid	melamine	FCCS4-PMM3	50 ml		20/05/2022	304
12111	50% Aqueous Ethanol	bisphenol A	FCCS2-PMM4	50 ml		13/07/2022	304
12112	3% aq. Acetic Acid	formaldehyde	FCCS3-PMM3	50 ml		31/08/2022	304
12113	3% aq. Acetic Acid	total primary aromatic amines	FCCS6-PMM3	>300 ml		12/10/2022	304
12114	3% aq. Acetic Acid	barium, cobalt, copper, iron, lithium, manganese, zinc & nickel	FCCS7-PMM3	50 ml		23/11/2022	304
12115	Oil	phthalates	FCCS5-OIL20	2 x 50 ml		22/03/2023	304

Trace Elements

Note: The description 'natural/low levels' indicates naturally incurred elements at the typical ranges expected. The description 'natural levels' indicates naturally incurred elements, but some or all analytes may be at levels above the typically expected ranges.

Item Code	Matrix	Analytes	Product Code	Approx. Size	☼	Start Date	Fee (EUR)
07422	Milk Powder	arsenic (total), cadmium, lead & mercury (total) - metals at natural/low levels	FCCM12-DRY14	50 g		05/01/2022	288
07423	Soft Drink	antimony, arsenic (total), cadmium, chromium, copper & zinc - metals at high levels	FCCM3-DRN29	50 ml		19/01/2022	288
07424	Bivalve Molluscs (Mussels)	cadmium, lead & mercury (total) - metals at natural/low levels	FCCM36-SEA29	50 g	☼	24/01/2022	288

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
07425	Canned Crab Meat	arsenic (total), arsenic (inorganic), cadmium, lead & mercury (total) - metals at natural/low levels	FCCM6-SEA6	150 g		28/01/2022	288
07426	Tomato Paste	cadmium, iron, lead & tin - metals at high levels	FCCM21-VEG74	50 g		08/02/2022	288
07427	Soya Lecithin (Liquid)	aluminium, arsenic (total), cadmium, lead & mercury (total) - metals at natural/low levels	FCCM42-VEG90	50 ml		23/02/2022	288
07428	Animal Feed (Plant Origin)	arsenic (total), cadmium, lead, mercury (total), nickel - metals at high levels	FCCM43-AFE23	50 g		10/03/2022	288
07429	Grapefruit Purée	cadmium, copper, iron, lead & tin - metals at high levels	FCCM23-FRU51	50 g		22/03/2022	288
07430	Canned Fish	arsenic (total), cadmium, mercury (total) & methyl mercury - metals at natural levels	FCCM41-SEA7	150 g		31/03/2022	288
07433	Rice Cakes	Arsenic (total), Arsenic (inorganic), Cadmium, Lead, Mercury (total), Nickel - metals at natural/low levels	FCCM46-PRO33	35 g		01/04/2022	296
07434	Barley Flour	Aluminium, Arsenic (total), Cadmium, Copper, Lead, Mercury (total), Nickel - metals at natural/low levels	FCCM46-CCP4	50 g		14/04/2022	296
07435	Infant Formula	Aluminium, Antimony, Cadmium, Chromium, Iodine, Lead, Molybdenum, Selenium, Tin, Nickel - metals at natural/low levels	FCCM46-INF10	50 g		22/04/2022	296
07436	Canned Fish	Arsenic (total), Cadmium, Mercury (total) - metals at natural/low levels	FCCM46-SEA7	150 g		29/04/2022	296
07437	Honey	Cadmium, Lead - metals at natural/low levels	FCCM46-HON2	50 g		04/05/2022	296
07438	Tea (Dried)	Aluminium, Arsenic (total), Cadmium, Lead, Nickel - metals at natural/low levels	FCCM46-DRH32	25 g		13/05/2022	296
07439	Wheat Flour	Aluminium, Arsenic (total), Cadmium, Copper, Iron, Lead, Mercury (total), Nickel, Zinc, Molybdenum, Selenium - metals at natural/low levels	FCCM46-CCP49	50 g		25/05/2022	296
07440	Vegetable Oil	Arsenic (total), Copper, Iron, Lead - metals at high levels	FCCM45-OIL30	50 ml		01/06/2022	296
07441	Vegetable Purée (Root Vegetables)	Arsenic (total), Cadmium, Lead, Mercury (total) - metals at natural/low levels	FCCM46-VEG103	50 g		13/06/2022	296
07442	Pulse (Dried)	Cadmium, Lead, Nickel - metals at natural/low levels	FCCM46-VEG107	30 g		17/06/2022	296

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
07443	Cocoa Powder	Aluminium, Arsenic (total), Cadmium, Chromium, Copper, Iron, Lead, Manganese, Nickel, Zinc - metals at natural/low levels	FCCM46-DRH5	50 g		22/06/2022	296
07444	Chilli Powder	Arsenic (total), Cadmium, Lead - metals at high levels	FCCM45-SPI6	50 g		01/07/2022	296
07445	Powdered Brown Rice	Arsenic (total), Arsenic (inorganic), Cadmium, Iron, Lead, Mercury (total), Nickel, Zinc, Cobalt, Manganese, Copper - metals at natural/low levels	FCCM46-CCP41	50 g		13/07/2022	296
07446	Offal (Liver)	Arsenic (total), Cadmium, Lead, Mercury (total) - metals at high levels	FCCM45-MRP27	50 g		20/07/2022	296
07447	Berries (Mixed)	Arsenic (total), Cadmium, Lead - metals at natural/low levels	FCCM46-FRU76	50 g		26/07/2022	296
07448	Wine	pH, Cadmium, Copper, Lead, Iron - metals at natural/high levels	FCCM47-DRA13	50 ml		03/08/2022	296
07449	Baby Food (Vegetable Based)	Arsenic (total), Cadmium, Lead, Mercury (total), Nickel - metals at natural/low levels	FCCM46-INF19	50 g		08/08/2022	296
07450	Herb (mixed, dried)	Cadmium, Lead, Nickel - metals at natural/low levels	FCCM46-VEG89	30 g		18/08/2022	296
07451	Milk Powder	Arsenic (total), Cadmium, Lead, Mercury (total) - metals at natural/low levels	FCCM46-DRY14	50 g		24/08/2022	296
07452	Canned Fish	Arsenic (total), Cadmium, Copper, Iron, Manganese, Mercury (total), Selenium, Zinc - metals at natural/low levels	FCCM46-SEA7	150 g		02/09/2022	296
07453	Squid	Cadmium, Lead, Mercury (total) - metals at natural/low levels	FCCM46-SEA27	50 g		05/09/2022	296
07454	Infant Cereal (Rice Based)	Arsenic (inorganic), Arsenic (total), Cadmium, Chromium, Lead, Mercury (total), Selenium, Nickel - metals at natural/low levels	FCCM46-INF18	50 g		15/09/2022	296
07455	Fruit Juice	Arsenic (inorganic), Cadmium, Iron, Lead, Tin - metals at natural/high levels	FCCM47-DRN17	50 ml		27/09/2022	296
07456	Seaweed	Arsenic (inorganic), Arsenic (total), Cadmium, Iodine, Lead, Mercury (total), Nickel - metals at natural/high levels	FCCM47-VEG64	25 g		30/09/2022	296

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
07457	Mushroom Powder	Arsenic (total), Cadmium, Lead, Mercury (total), Nickel - metals at natural/low levels	FCCM46-VEG51	30 g		06/10/2022	296
07458	Soya Flour	Aluminium, Arsenic (total), Cadmium, Lead, Mercury (total) - metals at high levels	FCCM45-VEG68	50 g		20/10/2022	296
07459	CBD Product (Oil Based)	Arsenic (total), Cadmium, Lead, Mercury (total) - metals at natural/low levels	FCCM46-UMI44	10 ml		25/10/2022	296
07460	Vegetable Purée	Cadmium, Lead, Tin, Nickel - metals at high levels	FCCM45-VEG79	50 g		01/11/2022	296
07461	Powdered Rice	Arsenic (inorganic), Arsenic (total), Cadmium, Lead, Mercury (total) - metals at high levels	FCCM45-CCP42	50 g		16/11/2022	296
07462	Animal Feed (Cereal Based)	Arsenic (total), Cadmium, Lead, Mercury (total), Nickel - metals at natural/low levels	FCCM46-AFE2	50 g		24/11/2022	296
07463	Nutritional Food Supplement	Arsenic (total), Cadmium, Chromium, Lead, Mercury (total), Nickel - metals at natural/low levels	FCCM46-SUP5	50 g		01/12/2022	296
07464	Sugar	Arsenic (total), Copper, Cadmium, Lead, Mercury (total), Iron - metals at natural/low levels	FCCM46-CON16	30 g		14/12/2022	296
07465	Milk Powder	Arsenic (total), Cadmium, Lead, Mercury (total) - metals at natural/low levels	FCCM46-DRY14	50 g		04/01/2023	296
07466	Coffee (Ground)	Arsenic (total), Copper, Cadmium, Lead, Mercury (total), Nickel, Zinc - metals at natural/low levels	FCCM46-DRH10	30 g		12/01/2023	296
07467	Soft Drink	Antimony, Arsenic (total), Cadmium, Chromium, Copper, Zinc - metals at high levels	FCCM45-DRN29	50 ml		18/01/2023	296
07468	Bivalve Molluscs (Mussels)	Cadmium, Lead, Mercury (total) - metals at natural/low levels	FCCM46-SEA29	50 g		23/01/2023	296
07469	Canned Crab Meat	Arsenic (total), Arsenic (inorganic), Cadmium, Lead, Mercury (total) - metals at natural/low levels	FCCM46-SEA6	150 g		26/01/2023	296
07470	Animal Feed (Fish Meal)	Arsenic (total), Cadmium, Lead, Mercury (total), Nickel - metals at natural/low levels	FCCM46-SEA12	50 g		03/02/2023	296
07471	Tomato Paste	Cadmium, Iron, Lead, Tin - metals at high levels	FCCM45-VEG74	50 g		14/02/2023	296

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
07472	Soya Lecithin (Liquid)	Aluminium, Arsenic (total), Cadmium, Lead, Mercury (total) - metals at natural/low levels	FCCM46-VEG90	50 ml		22/02/2023	296
07473	Animal Feed (Plant Origin)	arsenic (total), cadmium, lead, mercury (total), nickel - metals at high levels	FCCM45-AFE23	50 g		09/03/2023	296
07474	Grapefruit Purée	Cadmium, Copper, Lead, Iron, Tin - metals at high levels	FCCM45-FRU51	50 g		21/03/2023	296
07475	Canned Fish	Arsenic (total), Cadmium, Mercury (total), Methyl Mercury - metals at natural/low levels	FCCM46-SEA7	150 g		31/03/2023	296

FAT, FATTY ACIDS & OILS

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
14246	Biscuit (Cookie)	limited fatty acid profile (inc. butyric acid) & cholesterol	FCFO12-PRO2	50 g		11/01/2022	283
14247	Vegetable Oil	saturates, mono-unsaturates & poly-unsaturates	FCFO3-OIL30	30 ml		16/02/2022	283
14249	Infant Formula	total fat, saturates, mono-unsaturates, poly-unsaturates, trans fatty acids (& possibly individual fatty acids: linoleic acid, a-linolenic acid (ALA), ARA, DHA & EPA)	FCFO13-INF10	50 g		21/04/2022	294
14250	Mixed Fat Spread	total fat, saturates, mono-unsaturates, poly-unsaturates & total trans fatty acids	FCFO8-FAT12	50 g		10/05/2022	294
14252	Vegetable Oil	saturates, mono-unsaturates & poly-unsaturates & limited fatty acid profile	FCFO4-OIL30	30 ml		29/06/2022	294
14254	Milk Powder	total fat, saturates, mono-unsaturates, poly-unsaturates, trans fatty acids (& possibly individual fatty acids: linoleic acid, a-linolenic acid (ALA), ARA, DHA & EPA)	FCFO13-DRY14	50 g		29/07/2022	294
14255	Mixed Fat Spread	Total fat, saturates, mono-unsaturates, poly-unsaturates, total trans fatty acids, total omega-3, total omega-6 & total omega-9 series fatty acids, (& possibly individual omega-3, omega-6 & omega-9 fatty acids)	FCFO10-FAT12	50 g		15/08/2022	294

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
14256	Palm Oil	saturates, mono-unsaturates & poly-unsaturates & limited fatty acid profile	FCFO4-OIL24	30 ml		26/08/2022	294
14257	Fish Oil	Total omega-3, total omega-6 & total omega-9 series fatty acids, (& possibly individual omega-3, omega-6 & omega-9 fatty acids)	FCFO1-OIL13	30 ml		14/09/2022	294
14259	Biscuit (Cookie)	total fat, saturates, mono-unsaturates & poly-unsaturates, total trans fatty acids & butyric acid	FCFO7-PRO2	50 g		04/10/2022	294
14260	Infant Breakfast Cereal	total fat, saturates, mono-unsaturates, poly-unsaturates (& possibly individual fatty acids: linoleic acid, a-linolenic acid (ALA), ARA, DHA & EPA)	FCFO9-INF6	50 g		20/10/2022	294
14262	Mixed Fat Spread	total fat, butyric acid, cholesterol & selected plant sterols	FCFO14-FAT12	50 g		29/11/2022	294
14263	Olive Oil	saturates, mono-unsaturates & poly-unsaturates & limited fatty acid profile	FCFO4-OIL22	30 ml		02/12/2022	294
14266	Biscuit (Cookie)	limited fatty acid profile (inc. butyric acid) & cholesterol	FCFO12-PRO2	50 g		17/01/2023	294
14267	Vegetable Oil	saturates, mono-unsaturates & poly-unsaturates	FCFO3-OIL30	30 ml		15/02/2023	294
14268	Chocolate	limited fatty acid profile (inc. butyric acid), saturates, mono-unsaturates, poly-unsaturates & cholesterol	FCFO15-CON2	50 g		07/03/2023	294

FOOD ADDITIVES & INGREDIENTS

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
03171	Cola Drink	benzoic acid, caffeine, acesulfame-K & saccharin	FCFA2-DRN12	150 ml		21/01/2022	286
03172	Soft Drink	sweeteners	FCFA26-DRN29	150 ml		17/03/2022	286
03173	Coffee (Ground)	caffeine	FCFA28-DRH10	2 x 30 g		04/05/2022	294
03174	Soft Drink	brix, pH, citric acid, sorbic acid, cyclamate, saccharin & benzoic acid	FCFA7-DRN29	150 ml		08/07/2022	294
03175	Soft Drink	colours, a selection 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	FCFA20-DRN29	150 ml		03/08/2022	294
03176	Energy Drink	caffeine, taurine, citric acid & total sugars	FCFA29-DRN14	150 ml		21/09/2022	294

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
03177	Cola Drink	caffeine, benzoic acid, total sugars & phosphoric acid (as P ₂ O ₅)	FCFA13-DRN12	150 ml		13/10/2022	294
03178	Tonic Water	benzoic acid, quinine, acesulfame-K & aspartame	FCFA3-DRN32	150 ml		09/11/2022	294
03179	Soft Drink	sweeteners	FCFA26-DRN29	150 ml		18/01/2023	294
03180	Cola Drink	benzoic acid, caffeine, acesulfame-K & saccharin	FCFA2-DRN12	150 ml		16/03/2023	294
15158	Meat	nitrate as NaNO ₃ & nitrite as NaNO ₂	FCFA18-MRP23	25 g		12/01/2022	286
15159	Milk Powder	nitrate as NaNO ₃ & nitrite as NaNO ₂	FCFA18-DRY14	40 g		24/02/2022	286
15160	Meat	nitrate as NaNO ₃ & nitrite as NaNO ₂	FCFA18-MRP23	25 g		12/05/2022	294
15161	Cabbage Purée	nitrate	FCFA17-VEG32	70 g		07/06/2022	294
15162	Fish	nitrate as NaNO ₃ & nitrite as NaNO ₂	FCFA18-SEA11	25 g		21/07/2022	294
15163	Lettuce Purée	nitrate	FCFA17-VEG49	70 g		08/08/2022	294
15164	Meat	nitrate as NaNO ₃ & nitrite as NaNO ₂	FCFA18-MRP23	25 g		16/09/2022	294
15165	Rocket (Rucola) Purée	nitrate	FCFA17-VEG60	70 g		18/10/2022	294
15166	Spinach Purée	nitrate	FCFA17-VEG70	70 g		15/11/2022	294
15167	Meat	nitrate as NaNO ₃ & nitrite as NaNO ₂	FCFA18-MRP23	25 g		11/01/2023	294
15168	Milk Powder	nitrate as NaNO ₃ & nitrite as NaNO ₂	FCFA18-DRY14	40 g		23/02/2023	294
15169	Carrot Purée	nitrate	FCFA17-VEG33	70 g		13/03/2023	294
20191	Tomato Sauce	brix, pH, total acidity, sodium, chloride & benzoic acid	FCFA8-CON21	150 g		05/01/2022	286
20192	Meat	sulphur dioxide	FCFA22-MRP23	100 g		01/03/2022	286
20193	Sweets (gelatin-based)	colours, a selection 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	FCFA20-CON32	50 g		30/03/2022	286
20194	Prawns	sulphur dioxide	FCFA22-SEA20	100 g		04/04/2022	294
20195	Jam	brix, pH, benzoic acid, citric acid & sorbic acid	FCFA4-CON7	70 g		28/04/2022	294
20196	Chocolate Cake Mix	caffeine, sorbic acid, theobromine & total sugars (expressed as sucrose)	FCFA14-PRO13	50 g		22/06/2022	294

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
20197	Dried Apricot (Water/Fruit Slurry)	sulphur dioxide	FCFA22-FRU37	100 g		11/07/2022	294
20198	Sugar Confectionery (Boiled Sweets)	colours, a selection 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	FCFA20-CON17	50 g		28/07/2022	294
20200	Oil	antioxidants: total BHA (E320), total BHT (E321) & propyl gallate (E310)	FCFA1-OIL20	50 ml		23/09/2022	294
20201	Meat	sulphur dioxide	FCFA22-MRP23	100 g		03/10/2022	294
20202	Hot Pepper Sauce	non-permitted colours (illegal dyes) high level, a selection	FCFA19-CON5	50 ml		03/11/2022	294
20203	Dried Apple (Water/Fruit Slurry)	sulphur dioxide	FCFA22-FRU36	100 g		28/11/2022	294
20205	Tomato Sauce	brix, pH, total acidity, sodium, chloride & benzoic acid	FCFA8-CON21	150 g		04/01/2023	294
20206	Raisin (Water/Fruit Slurry)	sulphur dioxide	FCFA22-FRU79	100 g		20/02/2023	294
20207	Meat	sulphur dioxide	FCFA22-MRP23	100 g		06/03/2023	294
20208	Sweets (gelatin-based)	colours, a selection 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	FCFA20-CON32	50 g		23/03/2023	294

MYCOTOXINS

Aflatoxins

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
04431	Maize	aflatoxins B & G &/or total	FCMA2-CCP30	55 g		06/01/2022	283
04432	Pistachio (Water/Nut Slurry)	aflatoxins B & G &/or total	FCMA2-NUT14	100 g		25/01/2022	283
04434	Milk Powder	aflatoxin M1	FCMA1-DRY14	55 g		16/02/2022	283
04436	Peanut	aflatoxins B & G &/or total	FCMA2-NUT9	100 g		14/03/2022	283
04438	Animal Feed (Cereal Based)	aflatoxins B & G &/or total	FCMA2-AFE2	55 g		01/04/2022	291
04442	Maize Flour	aflatoxins B & G &/or total	FCMA2-CCP32	55 g		18/05/2022	291
04444	Milk Powder	aflatoxin M1	FCMA1-DRY14	55 g		01/06/2022	291
04453	Peanut (Water/Nut Slurry)	aflatoxins B & G &/or total	FCMA2-NUT9	100 g		20/09/2022	291

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
04454	Milk Powder	aflatoxin M1	FCMA1-DRY14	55 g		28/09/2022	291
04456	Animal Feed (Cereal Based)	aflatoxins B & G &/or total	FCMA2-AFE2	55 g		13/10/2022	291
04459	Rice (Powdered)	aflatoxins B & G &/or total	FCMA2-CCP66	55 g		17/11/2022	291
04460	Peanut Butter (Water Slurry)	aflatoxins B & G &/or total	FCMA2-CON12	100 g		22/11/2022	291
04463	Maize Flour	aflatoxins B & G &/or total	FCMA2-CCP32	55 g		05/01/2023	291
04467	Milk Powder	aflatoxin M1	FCMA1-DRY14	55 g		15/02/2023	291
04469	Peanut	aflatoxins B & G &/or total	FCMA2-NUT9	100 g		13/03/2023	291

Ergot Alkaloids / Pyrrolizidine Alkaloids

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
22190	Rye Flour	ergot alkaloids: contamination of matrix with two or more from ergometrine, ergotamine, ergosine, ergocristine, ergocryptine & ergocornine & their related-inines	FCME1-CCP47	55 g		09/03/2022	598
22194	Ispaghula Husk (Psyllium Husk)	pyrrolizidine alkaloids (PAs): contamination of matrix with two or more from the list on page 35	FCME2-UMI49	30 g		14/07/2022	615
22196	Baby Food	ergot alkaloids: contamination of matrix with two or more from ergometrine, ergotamine, ergosine, ergocristine, ergocryptine & ergocornine & their related-inines	FCME1-INF1	30 g		17/08/2022	615
22203	Rye Flour	ergot alkaloids: contamination of matrix with two or more from ergometrine, ergotamine, ergosine, ergocristine, ergocryptine & ergocornine & their related-inines	FCME1-CCP47	55 g		08/03/2023	615

Fusarium Toxins

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
22188	Breakfast Cereal	deoxynivalenol (DON) & zearalenone (ZON)	FCMF1-CCP13	55 g		07/01/2022	369
22189	Cereal	tropene alkaloids: atropine & scopolamine	FCMF6-CCP15	30 g		23/02/2022	369
22191	Maize Oil	deoxynivalenol (DON) & zearalenone (ZON)	FCMF1-OIL16	50 ml		20/04/2022	380

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
22192	Dried Pasta	deoxynivalenol (DON), zearalenone (ZON), T-2 & HT-2 toxins & as a sum of T-2 & HT-2 toxins	FCMF2-PRO17	75 g		18/05/2022	380
22193	Maize Flour	FB ₁ & FB ₂ and total fumonisins (as a sum of FB ₁ & FB ₂)	FCMF3-CCP32	55 g		15/06/2022	294
22195	Maize Flour	trichothecenes: nivalenol, DON, 3 Ac DON, 15 Ac DON, T-2 & HT-2 toxins & as a sum of T-2 & HT-2 toxins	FCMF5-CCP32	100 g		27/07/2022	691
22197	Animal Feed (Cereal Based)	deoxynivalenol (DON), zearalenone (ZON), T-2 & HT-2 toxins & as a sum of T-2 & HT-2 toxins	FCMF2-AFE2	75 g		22/09/2022	440
22198	Baby Food (Multigrain)	tropine alkaloids: atropine & scopolamine	FCMF6-INF17	30 g		14/10/2022	380
22200	Breakfast Cereal	deoxynivalenol (DON) & zearalenone (ZON)	FCMF1-CCP13	55 g		06/01/2023	380
22201	Tomato Juice	alternaria toxins	FCMF09-DRN31	100 ml		13/02/2023	504
22202	Cereal (Powdered)	tropine alkaloids: atropine & scopolamine	FCMF6-CCP64	30 g		22/02/2023	380

Multi-Mycotoxins

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
04433	Maize	aflatoxin B1 &/or total, DON, ZON & OTA	FCMM1-CCP30	100 g		03/02/2022	490
04435	Spice - Black Pepper	aflatoxins B & G &/or total & OTA	FCMM4-SPI1	75 g		03/03/2022	378
04437	Oat Flour	aflatoxin B & G &/or total, OTA, T-2 & HT-2 toxins, sum of T-2 & HT-2 toxins & sterigmatocystin	FCMM11-CCP38	55 g		23/03/2022	490
04439	Maize Flour	aflatoxin B1, DON, ZON, OTA, FB ₁ & FB ₂ & total fumonisins (as a sum of FB ₁ & FB ₂), T-2 & HT-2 toxins & as sum of T-2 & HT-2 toxins	FCMM3-CCP32	100 g		06/04/2022	705
04440	Infant Food	contamination of matrix with two or more from the following list: aflatoxins B & G &/or total, OTA, ZON, DON, FB ₁ & FB ₂ & total fumonisins (as a sum of FB ₁ & FB ₂) -& T-2 & HT-2 toxins & as sum of T-2 & HT-2 toxins	FCMM6-INF8	150 g		21/04/2022	504

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
04441	Almond (Water/Nut Slurry)	aflatoxins B & G &/or total & OTA	FCMM4-NUT1	100 g		10/05/2022	389
04443	Cocoa Powder	aflatoxins B & G &/or total & OTA	FCMM4-DRH5	75 g		26/05/2022	389
04445	Paprika	aflatoxins B & G &/or total & OTA	FCMM4-SPI14	75 g		16/06/2022	389
04446	Hazelnut (Water/Nut Slurry)	aflatoxins B & G &/or total & OTA	FCMM4-NUT6	100 g		28/06/2022	389
04447	Pet Dog Food (Dry, Cereal Based)	aflatoxin B1, DON, ZON, OTA, FB ₁ & FB ₂ & total fumonisins (as a sum of FB ₁ & FB ₂), T-2 & HT-2 toxins & as sum of T-2 & HT-2 toxins	FCMM3-PFO11	100 g		07/07/2022	705
04448	Maize Flour	aflatoxin B1, DON, ZON, OTA, FB ₁ & FB ₂ & total fumonisins (as a sum of FB ₁ & FB ₂), T-2 & HT-2 toxins & as sum of T-2 & HT-2 toxins	FCMM3-CCP32	100 g		21/07/2022	705
04449	Dried Figs (Water/Fruit Slurry)	aflatoxins B & G &/or total & OTA	FCMM4-FRU38	150 g		02/08/2022	389
04450	Sesame Paste (Tahini)	aflatoxins B & G &/or total & OTA	FCMM4-NUT17	100 g		16/08/2022	389
04451	Barley Flour	aflatoxins B & G &/or total & OTA	FCMM4-CCP4	75 g		26/08/2022	389
04452	Chilli Powder	aflatoxins B & G &/or total & OTA	FCMM4-SPI6	75 g		08/09/2022	389
04455	Infant Food	aflatoxins B & G &/or total & OTA	FCMM4-INF8	55 g		06/10/2022	389
04457	Maize Flour	aflatoxin B1, DON, ZON & OTA	FCMM2-CCP32	150 g		26/10/2022	504
04458	Ginger	aflatoxins B & G &/or total & OTA	FCMM4-SPI23	75 g		03/11/2022	389
04461	Animal Feed (Cereal Based)	contamination of matrix with two or more from the following list: aflatoxin B1, OTA, ZON, DON, FB ₁ & FB ₂ & total fumonisins (as a sum of FB ₁ & FB ₂)	FCMM5-AFE2	150 g		02/12/2022	504
04462	Durum Wheat	aflatoxin B1, DON, ZON, OTA, FB ₁ & FB ₂ & total fumonisins (as a sum of FB ₁ & FB ₂), T-2 & HT-2 toxins & as sum of T-2 & HT-2 toxins	FCMM3-CCP68	100 g		07/12/2022	705
04464	Coconut Flour	aflatoxins B & G &/or total & OTA	FCMM4-CCP69	75 g		19/01/2023	389

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
04465	Pistachio (Water/Nut Slurry)	aflatoxins B & G &/or total & OTA	FCMM4-NUT14	100 g		24/01/2023	389
04466	Maize Flour	aflatoxin B1 &/or total, DON, ZON & OTA	FCMM1-CCP32	100 g		02/02/2023	504
04468	Spice - Black Pepper	aflatoxins B & G &/or total & OTA	FCMM4-SPI1	75 g		02/03/2023	389
04470	Oat Flour	aflatoxin B & G &/or total, OTA, T-2 & HT-2 toxins, sum of T-2 & HT-2 toxins & sterigmatocystin	FCMM11-CCP38	55 g		29/03/2023	504
17221	Flour	ochratoxin A & citrinin	FCMM8-CCP28	75 g		02/03/2022	283
17235	Flour	ochratoxin A & citrinin	FCMM8-CCP28	55 g		01/03/2023	291
22199	Wheat Flour	deoxynivalenol (DON), zearalenone (ZON), T-2 & HT-2 toxins, sum of T-2 & HT-2 toxins & aflatoxin B & G &/or total	FCMM10-CCP49	75 g		09/11/2022	504

Multi-Mycotoxin Blank Material

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
N/A	Blank Maize Flour	blank	BLMM7-CCP7QC	100 g		N/A	115

This blank maize matrix may be used as a control material for any of the above maize mycotoxin tests

Ochratoxin A (OTA)

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
17220	Wheat Flour	ochratoxin A	FCMO1-CCP49	55 g		26/01/2022	283
17222	Grape Juice	ochratoxin A	FCMO1-DRN19	55 ml		22/03/2022	283
17223	Dried Vine Fruit	ochratoxin A	FCMO1-FRU43	100 g		11/04/2022	291
17224	(Water/Fruit)						
17224	Barley Flour	ochratoxin A	FCMO1-CCP4	55 g		19/05/2022	291
17225	Herb (mixed, dried)	ochratoxin A	FCMO1-VEG89	55 g		23/06/2022	291
17226	Coffee (Green)	ochratoxin A	FCMO1-DRH9	55 g		08/07/2022	291
17227	Wine	ochratoxin A	FCMO1-DRA13	55 ml		11/08/2022	291
17228	Soya Beans (Dried)	ochratoxin A	FCMO1-VEG67	55 g		25/08/2022	291
17229	Maize Flour	ochratoxin A	FCMO1-CCP32	55 g		01/09/2022	291
17230	Instant Coffee	ochratoxin A	FCMO1-DRH18	55 g		14/10/2022	291
17231	Animal Feed (Cereal Based)	ochratoxin A	FCMO1-AFE2	55 g		02/11/2022	291
17232	Roasted Coffee	ochratoxin A	FCMO1-DRH21	55 g		23/11/2022	291
17233	Wheat Flour	ochratoxin A	FCMO1-CCP49	55 g		25/01/2023	291
17234	Mixed Spice	ochratoxin A	FCMO1-SPI12	55 g		09/02/2023	291
17236	Grape Juice	ochratoxin A	FCMO1-DRN19	55 ml		21/03/2023	291

Patulin

Item Code	Matrix	Analytes	Product Code	Approx. Size	☼	Start Date	Fee (EUR)
1678	Apple Juice (Clear)	patulin	FCMP1-DRN2	50 ml	☼	11/01/2022	283
1679	Apple Purée	patulin	FCMP1-FRU2	60 g	☼	03/05/2022	291
1680	Apple Juice	patulin	FCMP1-DRN3	50 ml	☼	25/10/2022	291
1681	Apple Juice	patulin	FCMP1-DRN2	50 ml	☼	10/01/2023	291

NUTRITIONAL & PROXIMATES

Nutritional Components

Item Code	Matrix	Analytes	Product Code	Approx. Size	☼	Start Date	Fee (EUR)
01150	Canned Meat	moisture, ash, total fat, nitrogen, sodium & chloride	FCNC15-MRP12	150 g		13/01/2022	287
01151	Canned Meat Meal	moisture, ash, total fat, nitrogen, sodium & chloride	FCNC15-MRP13	150 g		17/03/2022	287
01154	Canned Meat	moisture, ash, total fat, nitrogen & hydroxyproline	FCNC11-MRP12	150 g		20/05/2022	295
01155	Canned Meat	moisture, ash, total fat, nitrogen, sodium & chloride	FCNC15-MRP12	150 g		15/07/2022	295
01156	Canned Meat Meal	total fat, saturated fatty acids, protein, total sugars & salt	FCNC25-MRP13	150 g		19/08/2022	295
01157	Canned Meat	moisture, ash, total fat, nitrogen & hydroxyproline	FCNC11-MRP12	150 g		29/09/2022	295
01158	Canned Meat Meal	moisture, ash, total fat, nitrogen, sodium, chloride & total sugars	FCNC16-MRP13	150 g		25/11/2022	295
01159	Canned Meat	moisture, ash, total fat, nitrogen, sodium & chloride	FCNC15-MRP12	150 g		12/01/2023	295
01160	Canned Meat Meal	moisture, ash, total fat, nitrogen, sodium & chloride	FCNC15-MRP13	150 g		09/03/2023	295
0883	Apple Juice	brix, pH, total acidity, sugars, calcium, magnesium, phosphorus & sodium	FCNC27-DRN1	250 ml		27/01/2022	286
0884	Pineapple Juice	ash, brix, pH, total acidity, sugars, calcium, magnesium, potassium & sodium	FCNC1-DRN27	250 ml		11/05/2022	311
0885	Orange Juice	brix, pH, citric acid, sugars, calcium, magnesium, phosphorus & potassium	FCNC31-DRN26	250 ml		17/08/2022	311
0886	Fruit Smoothie	brix, pH, total acidity, sugars, calcium, magnesium, potassium, sodium & Total Dietary Fibre by AOAC	FCNC53-DRN18	250 ml		26/10/2022	311
0887	Apple Juice	brix, pH, total acidity, sugars, calcium, magnesium, phosphorus & sodium	FCNC27-DRN1	250 ml		20/01/2023	311
0888	Grape Juice	brix, pH, total acidity, sugars, calcium, magnesium, potassium & sodium	FCNC34-DRN19	250 ml		29/03/2023	311

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
10181	Dairy Ration	moisture, ash, total oil, protein, crude fibre, iron, magnesium, manganese & selenium	FCNC20-AFE7	225 g		18/03/2022	526
10182	Pig Ration	moisture, ash, total oil, protein, crude fibre, aNDF, vitamin E & zinc	FCNC19-AFE14	150 g		29/06/2022	336
10183	Soybean meal	moisture, ash, protein, crude fibre	FCNC7-AFE20	150 g		23/09/2022	336
10184	Pet Dog Food (Dry)	moisture, ash, protein, total oil, crude fibre, starch & total sugars	FCNC9-PFO7	150 g		04/11/2022	336
10185	Poultry Ration	moisture, ash, total oil, protein, crude fibre, starch, total sugars, calcium & phosphorus	FCNC21-AFE16	225 g		07/12/2022	541
10187	Dairy Ration	moisture, ash, total oil, protein, crude fibre, iron, magnesium, pH, total acidity, total sugars, sodium, chloride, sorbic acid	FCNC20-AFE7	225 g		16/03/2023	541
20199	Soy Sauce		FCNC47-CON15	150 g		24/08/2022	294
20204	Sweets (gelatin-based)	fructose, glucose & sucrose	FCNC38-CON32	50 g		09/12/2022	294
2497	Wheat Flour	moisture at 130°C, ash, nitrogen & total dietary fibre by AOAC	FCNC4-CCP49	150 g		11/02/2022	277
2498	Porridge Oats	moisture at 130°C, ash at 550°C, total fat, nitrogen & total dietary fibre by AOAC	FCNC5-CCP40	150 g		22/04/2022	285
2499	Cereal (Powdered)	moisture at 130°C, ash at 550°C, nitrogen & total dietary fibre by AOAC	FCNC41-CCP64	150 g		30/06/2022	285
24100	Breadcrumbs	moisture, ash at 550°C, nitrogen, starch, sodium & total dietary fibre by AOAC	FCNC6-PRO9	150 g		14/09/2022	285
24101	Baby Food (Cereal Based)	moisture, ash, total fat, nitrogen, total dietary fibre by AOAC, starch, sodium & chloride	FCNC39-INF21	150 g		27/10/2022	285
24102	Biscuit (Cookie)	moisture, ash at 550°C, total fat, nitrogen & total dietary fibre by AOAC	FCNC13-PRO2	150 g		16/11/2022	285
24103	Wheat Flour	moisture at 130°C, ash, nitrogen & total dietary fibre by AOAC	FCNC4-CCP49	150 g		03/02/2023	285
25207	Cheese & Pasta Meal	moisture, ash, total fat, nitrogen, sodium & chloride	FCNC15-PRO12	100 g		13/01/2022	287
25208	Yoghurt	ash, total fat, nitrogen, pH, titratable acidity & total sugars	FCNC40-DRY19	150 g		08/02/2022	277
25209	Butter	moisture, total fat, non-fat solids, pH & chloride	FCNC24-DRY6	200 g		22/02/2022	277
25211	Corn/Maize based Snack Food	moisture, ash, total fat, nitrogen, sodium & chloride	FCNC15-PRO39	50 g		16/03/2022	277
25212	Fish Paste	moisture, ash, total fat, nitrogen, sodium & chloride	FCNC15-SEA15	150 g		08/04/2022	301

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
25213	Condensed Milk	moisture, ash, total fat, nitrogen & total sugars	FCNC14-DRY9	150 ml		13/05/2022	314
25214	Milkshake Powder	fructose, galactose, glucose, lactose, maltose & sucrose	FCNC3-DRY15	50 g		10/06/2022	301
25215	Cheese	moisture, ash, total fat, nitrogen, sodium, chloride & starch	FCNC50-DRY7	150 g		21/06/2022	301
25216	Chocolate	moisture, total fat, nitrogen, butyric acid, lactose & sucrose	FCNC23-CON2	150 g		05/07/2022	301
25217	Infant Formula	moisture, ash, total fat, nitrogen, pH, titratable acidity, lactose, sodium & chloride	FCNC29-INF10	50 g		04/08/2022	301
25218	Instant Cappuccino Drink (powder)	moisture, ash, total fat, nitrogen, pH, sodium, chloride, & total sugars	FCNC43-DRH27	150 g		18/08/2022	301
25220	Plant Based Milk Alternative	ash, total fat, nitrogen, pH, sodium, chloride & total sugars	FCNC51-DRY21	150 ml		26/09/2022	314
25221	Pizza (Cooked)	moisture, ash, total fat, saturates, mono-unsaturates, poly-unsaturates, nitrogen, sodium, chloride, total dietary fibre by AOAC & total sugars	FCNC37-PRO42	75 g		11/10/2022	301
25222	Milk Powder	moisture, ash, total fat, nitrogen & lactose	FCNC12-DRY14	50 g		21/10/2022	301
25223	Corn/Maize based Snack Food	pH, titratable acidity, total sugars, monosodium glutamate, magnesium, potassium	FCNC30-PRO39	50 g		04/11/2022	301
25224	Dried Fruit	moisture, ash, nitrogen, total dietary fibre by AOAC & sugars	FCNC44-FRU39	100 g		22/11/2022	314
25225	Infant Formula	amino acids	FCNC45-INF10	50 g		14/12/2022	490
25226	Cheese & Pasta Meal	moisture, ash, total fat, nitrogen, sodium & chloride	FCNC15-PRO12	100 g		13/01/2023	301
25227	Peanut Butter	moisture, ash, total fat, saturates, mono-unsaturates, poly-unsaturates, nitrogen, pH, salt, total dietary fibre by AOAC & total sugars	FCNC46-NUT31	150 g		31/01/2023	301
25228	Yoghurt	ash, total fat, nitrogen, pH, titratable acidity & total sugars	FCNC40-DRY19	150 g		07/02/2023	301
25229	Milk Powder	ash, total fat, nitrogen, pH, titratable acidity & lactose (report results as reconstituted)	FCNC49-DRY14	50 g		17/02/2023	301
25230	Butter	moisture, total fat, non-fat solids, pH & chloride	FCNC24-DRY6	200 g		21/02/2023	301
25231	Vegan Ready to Eat Meal	moisture, ash, total fat, nitrogen, sodium, chloride, saturates, mono-unsaturates, poly-unsaturates, total sugars & total dietary fibre by AOAC	FCNC52-PRO44	150 g		06/03/2023	301
25233	Corn/Maize Processed Food (Ready to Eat Meal)	moisture, ash, total fat, Nutritional Components/Elements, Allergens & Contaminants	FCNC15-PRO39	50 g		30/03/2023	301
3204			FCXS1-PRO41	300 g		06/12/2022	643

Nutritional Elements

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
10180	Premix	calcium, magnesium, manganese, phosphorus, sodium & zinc	FCNE5-AFE17	150 g		27/01/2022	291
10186	Premix	calcium, magnesium, manganese, phosphorus, sodium & zinc	FCNE5-AFE17	150 g		20/01/2023	299
18106	Infant Formula	calcium, copper, iodine, iron, magnesium, manganese, phosphorus, potassium, selenium, sodium & zinc	FCNE1-INF10	50 g		10/03/2022	291
18108	Milk Powder	calcium, copper, iodine, iron, manganese, magnesium, molybdenum, phosphorus, potassium, selenium, sodium, zinc	FCNE8-DRY14	50 g		29/04/2022	299
18109	Breakfast Cereal	calcium, iron, magnesium, phosphorus, potassium, sodium & zinc	FCNE4-CCP13	50 g		06/07/2022	299
18110	Coconut Powder	calcium, copper, iron, manganese, magnesium, molybdenum, phosphorus, potassium, selenium, sodium, zinc	FCNE9-NUT28	50 g		02/09/2022	299
18111	Milk Powder	calcium, copper, iodine, iron, manganese, magnesium, molybdenum, phosphorus, potassium, selenium, sodium, zinc	FCNE8-DRY14	50 g		11/11/2022	299
18112	Soy Sauce	calcium, magnesium, potassium & sodium	FCNE10-CON15	50 g		17/06/2022	299
18113	Infant Formula	calcium, copper, iodine, iron, magnesium, manganese, phosphorus, potassium, selenium, sodium & zinc	FCNE1-INF10	50 g		08/03/2023	299

Vitamins

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
21128	Breakfast Cereal	vitamins B1, B2 (total), B6, B12, total niacin & folic acid	FCNV9-CCP13	100 g		10/02/2022	315
21129	Powdered Baby Food	vitamins A, B1, B2, B6, B12, C, E, folic acid & total niacin	FCNV10-INF15	140 g		07/04/2022	364
21130	Infant Formula	vitamins A, B12, C, D3, E & K1	FCNV5-INF10	100 g		26/05/2022	329
21131	Fruit Purée	vitamin C	FCNV2-FRU47	100 g		20/06/2022	308
21132	Vegetable Oil	vitamin A & D3	FCNV12-OIL30	40 ml		11/07/2022	308
21133	Liquid Vitamin Supplement	vitamins B1, B2 (total), B6 & D3	FCNV11-SUP4	40 ml		23/08/2022	329
21134	Breakfast Cereal	vitamins B1, B2 (total), B6, B12, total niacin & folic acid	FCNV9-CCP13	100 g		09/02/2023	329

PESTICIDES (for list of possible residues see pages 34 to 35)

Blank matrix samples are available to purchase with many of the proficiency test materials. Every effort has been made to ensure these do not contain the target analytes. Other analytes may be present.

Mixed Residue Methods (Combining Multi-residue and Single-residue Methods)

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
05161	Milk Powder	pesticide residues (fat soluble) [multi-residue methods] including (per)chlorates [single-residue methods]	FCPX10-DRY14	50 g		28/07/2022	311
05161b	Blank Milk Powder	blank	BLPM9-DRY2	50 g		28/07/2022	94
05164	Chicken Muscle	biocides (quaternary ammonium compounds) [multi-residue methods] & (per)chlorates [single-residue methods]	FCPX1-MRP17	50 g		29/11/2022	311
05164b	Blank Chicken Muscle	blank	BLPM7-MRP50	50 g		29/11/2022	94
05165	Infant Formula	pesticide residues (fat soluble, inc. EU 'red list' - low level) including (per)chlorates [single-residue methods]	FCPX11-INF10	50 g		11/01/2023	311
05165b	Blank Infant Formula	blank	BLPM10-INF5	50 g		11/01/2023	94
09144	Basmati Rice	pesticide residues [multi-residue methods] including bromide [single-residue methods]	FCPX2-CCP51	50 g		26/01/2022	287
09144b	Blank Basmati Rice	blank	BLPM2-CCP52	50 g		26/01/2022	91
09150	Soya Beans (Dried)	pesticide residues [multi-residue methods] including glyphosate & AMPA [single-residue methods]	FCPX6-VEG67	90 g		16/09/2022	295
09150b	Blank Soya Beans (Dried)	blank	BLPM2-VEG104	90 g		16/09/2022	94
09153	Basmati Rice (Powdered)	pesticide residues [multi-residue methods] including bromide [single-residue methods]	FCPX2-CCP60	50 g		25/01/2023	295
09153b	Blank Basmati Rice (Powdered)	blank	BLPM2-CCP61	50 g		25/01/2023	94
09155	Lentils (Dried)	pesticide residues [multi-residue methods] including glyphosate [single-residue methods]	FCPX12-VEG86	90 g		22/03/2023	295
09155b	Blank Lentils (Dried)	blank	BLPM2-VEG87	90 g		22/03/2023	94

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
19330	Herb (Parsley) Purée	biocides (quaternary ammonium compounds) [multi-residue methods] & (per)chlorates [single-residue methods]	FCPX1-VEG45	90 g		21/02/2022	287
19330b	Blank Herb (Parsley) Purée	blank	BLPM6-VEG15	90 g		21/02/2022	91
19332	Tea (Herbal)	pesticide residues (tea matrix) [multi-residue methods] including (per)chlorates [single-residue methods]	FCPX5-DRH23	50 g		03/03/2022	287
19332b	Blank Tea (Herbal)	blank	BLPM3-DRH26	50 g		03/03/2022	91
19336	Onion Purée	pesticide residues [multi-residue methods] including maleic hydrazide [single-residue methods]	FCPX8-VEG55	90 g		19/04/2022	295
19336b	Blank Onion Purée	blank	BLPM2-VEG108	90 g		19/04/2022	94
19343	Coffee (Green, Milled)	glyphosate	FCPX9-DRH31	50 g		01/08/2022	266
19343b	Blank Coffee	blank	BLPM1-DRH29	50 g		01/08/2022	94
19349	Sesame Seeds	ethylene oxide (as 2-chloroethanol)	FCPX7-NUT34	50 g		03/10/2022	396
19351	Salad Leaf Purée	biocides (quaternary ammonium compounds) [multi-residue methods] & (per)chlorates [single-residue methods]	FCPX1-VEG62	90 g		18/10/2022	295
19351b	Blank Salad Leaf Purée	blank	BLPM6-VEG24	90 g		18/10/2022	94
19354	Peanut Butter	pesticide residues [multi-residue methods] including bromide [single-residue methods]	FCPX2-NUT31	90 g		22/11/2022	295
19354b	Blank Peanut Butter	blank	BLPM2-NUT33	90 g		22/11/2022	94
19355	Green Tea	pesticide residues (tea matrix) [multi-residue methods] including (per)chlorates [single-residue methods]	FCPX5-DRH14	50 g		01/12/2022	295
19355b	Blank Green Tea	blank	BLPM3-DRH1	50 g		01/12/2022	94
19360	Prepared Fruit Purée	biocides (quaternary ammonium compounds) [multi-residue methods] & (per)chlorates [single-residue methods]	FCPX1-FRU63	90 g		13/02/2023	295
19360b	Blank Prepared Fruit	blank	BLPM6-FRU27	90 g		13/02/2023	94

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
19362	Tea (Herbal)	pesticide residues (tea matrix) [multi-residue methods] including (per)chlorates [single-residue methods]	FCPX5-DRH23	50 g		02/03/2023	295
19362b	Blank Tea (Herbal)	blank	BLPM3-DRH26	50 g		02/03/2023	94

Multi Residue Methods

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
05157	Infant Formula	pesticide residues (fat soluble, inc. EU 'red list' - low level)	FCPM10-INF10	50 g		12/01/2022	303
05157b	Blank Infant Formula	blank	BLPM10-INF5	50 g		12/01/2022	91
05158	CBD Product (Oil Based)	pesticide residues (multi-residue)	FCPM2-UMI44	10 g		02/02/2022	303
05158b	Blank CBD Product (Oil Based)	blank	BLPM2-UMI45	10 g		02/02/2022	91
05159	Chicken (Hens) Eggs	pesticide residues (fat soluble & recommended monitoring)	FCPM11-EGG2	50 g		01/03/2022	303
05159b	Blank Chicken (Hens) Eggs	blank	BLPM11-EGG1	50 g		01/03/2022	91
05160	Oily Fish	pesticide residues (fat soluble)	FCPM9-SEA18	50 g		31/05/2022	311
05160b	Blank Oily Fish	blank	BLPM9-SEA3	50 g		31/05/2022	94
05162	Animal Fat (Pork)	pesticide residues (fat soluble)	FCPM9-FAT2	50 g		06/09/2022	311
05162b	Blank Animal Fat (Pork)	blank	BLPM9-FAT3	50 g		06/09/2022	94
05163	Olive Oil (Virgin)	pesticide residues (multi-residue)	FCPM2-OIL34	50 g		05/10/2022	311
05163b	Blank Olive Oil (Virgin)	blank	BLPM2-OIL36	50 g		05/10/2022	94
05166	CBD Product (Oil Based)	pesticide residues (multi-residue)	FCPM2-UMI44	10 g		01/02/2023	311
05166b	Blank CBD Product (Oil Based)	blank	BLPM2-UMI45	10 g		01/02/2023	94
05167	Chicken (Hens) Eggs	pesticide residues (fat soluble & recommended monitoring)	FCPM11-EGG2	50 g		28/02/2023	311
05167b	Blank Chicken (Hens) Eggs	blank	BLPM11-EGG1	50 g		28/02/2023	94
09145	Wheat Flour	pesticide residues (multi-residue)	FCPM2-CCP49	50 g		10/02/2022	287
09145b	Blank Wheat Flour	blank	BLPM2-CCP11	50 g		10/02/2022	91
09147	Barley Flour	pesticide residues (multi-residue)	FCPM2-CCP4	50 g		11/05/2022	295
09147b	Blank Barley Flour	blank	BLPM2-CCP72	50 g		11/05/2022	94

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
09148	Brown Rice (Powdered)	pesticide residues (multi-residue)	FCPM2-CCP63	50 g		08/06/2022	295
09148b	Blank Brown Rice (Powdered)	blank	BLPM2-CCP62	50 g		08/06/2022	94
09149	Wheat Flour	pesticide residues (multi-residue)	FCPM2-CCP49	50 g		10/08/2022	295
09149b	Blank Wheat Flour	blank	BLPM2-CCP11	50 g		10/08/2022	94
09151	Animal Feed (Cereal Based)	pesticide residues (multi-residue)	FCPM2-AFE2	50 g		12/10/2022	295
09151b	Blank Animal Feed (Cereal Based)	blank	BLPM2-AFE21	50 g		12/10/2022	94
09154	Wheat Flour	pesticide residues (multi-residue)	FCPM2-CCP49	50 g		17/02/2023	295
09154b	Blank Wheat Flour	blank	BLPM2-CCP11	50 g		17/02/2023	94
19328	Spice - Black Pepper	pesticide residues (multi-residue)	FCPM2-SPI1	50 g		17/01/2022	287
19328b	Blank Spice - Black Pepper	blank	BLPM2-SPI2	50 g		17/01/2022	91
19329	Pumpkin Purée	pesticide residues (specified residues) [multi-residue]	FCPM22-VEG102	90 g		17/01/2022	287
19329b	Blank Pumpkin Purée	blank	BLPM22-VEG101	90 g		17/01/2022	91
19331	Apple Purée	pesticide residues (multi-residue)	FCPM2-FRU2	90 g		21/02/2022	287
19331b	Blank Apple Purée	blank	BLPM2-FRU5	90 g		21/02/2022	91
19334	Lemon Purée	pesticide residues (multi-residue)	FCPM2-FRU52	90 g		05/04/2022	295
19334b	Blank Lemon Purée	blank	BLPM2-FRU16	90 g		05/04/2022	94
19335	Carrot Purée	pesticide residues (multi-residue)	FCPM2-VEG33	90 g		05/04/2022	295
19335b	Blank Carrot Purée	blank	BLPM2-VEG9	90 g		05/04/2022	94
19337	Orange Juice	pesticide residues (multi-residue)	FCPM2-DRN26	90 g		16/05/2022	295
19337b	Blank Orange Juice	blank	BLPM2-DRN42	90 g		16/05/2022	94
19338	Tomato Purée	pesticide residues (multi-residue)	FCPM2-VEG76	90 g		24/05/2022	295
19338b	Blank Tomato Purée	blank	BLPM2-VEG29	90 g		24/05/2022	94
19339	Cucumber Purée	pesticide residues (multi-residue)	FCPM2-VEG38	90 g		06/06/2022	295
19339b	Blank Cucumber Purée	blank	BLPM2-VEG13	90 g		06/06/2022	94

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
19340	Lettuce Purée	pesticide residues (multi-residue)	FCPM2-VEG49	90 g		06/06/2022	295
19340b	Blank Lettuce Purée	blank	BLPM2-VEG18	90 g		06/06/2022	94
19341	Pea (with Pods) Purée	pesticide residues (multi-residue)	FCPM2-VEG57	90 g		19/07/2022	295
19341b	Blank Pea (with Pods) Purée	blank	BLPM2-VEG22	90 g		19/07/2022	94
19342	Cabbage Purée	pesticide residues (multi-residue)	FCPM2-VEG32	90 g		19/07/2022	295
19342b	Blank Cabbage Purée	blank	BLPM2-VEG8	90 g		19/07/2022	94
19344	Kiwi Fruit Purée	pesticide residues (multi-residue)	FCPM2-FRU69	90 g		22/08/2022	295
19344b	Blank Kiwi Fruit Purée	blank	BLPM2-FRU70	90 g		22/08/2022	94
19345	Strawberry Purée	pesticide residues (multi-residue)	FCPM2-FRU67	90 g		22/08/2022	295
19345b	Blank Strawberry Purée	blank	BLPM2-FRU30	90 g		22/08/2022	94
19346	Potato Purée	pesticide residues (multi-residue)	FCPM2-VEG59	90 g		05/09/2022	295
19346b	Blank Potato Purée	blank	BLPM2-VEG23	90 g		05/09/2022	94
19347	Herb (Basil) Purée	pesticide residues (multi-residue)	FCPM2-VEG2	90 g		19/09/2022	295
19347b	Blank Herb (Basil) Purée	blank	BLPM2-VEG5	90 g		19/09/2022	94
19350	Blueberry Purée	pesticide residues (multi-residue)	FCPM2-FRU31	90 g		18/10/2022	295
19350b	Blank Blueberry Purée	blank	BLPM2-FRU8	90 g		18/10/2022	94
19352	Courgette (Zucchini) Purée	pesticide residues (multi-residue)	FCPM2-VEG36	90 g		07/11/2022	295
19352b	Blank Courgette (Zucchini) Purée	blank	BLPM2-VEG12	90 g		07/11/2022	94
19353	Honey	pesticide residues (honey matrix) [multi-residue]	FCPM8-HON2	90 g		07/11/2022	295
19353b	Blank Honey	blank	BLPM8-HON1	90 g		07/11/2022	94
19356	Plum Purée	pesticide residues (multi-residue)	FCPM2-FRU62	90 g		06/12/2022	295
19356b	Blank Plum Purée	blank	BLPM2-FRU26	90 g		06/12/2022	94

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
19357	Spice - Cumin	pesticide residues (multi-residue)	FCPM2-SPI8	50 g		16/01/2023	295
19357b	Blank Spice - Cumin	blank	BLPM2-SPI27	50 g		16/01/2023	94
19358	Pear Purée	pesticide residues (specified residues) [multi-residue]	FCPM22-FRU60	90 g		16/01/2023	295
19358b	Blank Pear Purée	blank	BLPM22-FRU24	90 g		16/01/2023	94
19359	Dried Mixed Fruit Purée	pesticide residues (multi-residue)	FCPM2-FRU77	90 g		07/02/2023	295
19359b	Blank Dried Mixed Fruit Purée	blank	BLPM2-FRU78	90 g		07/02/2023	94
19361	Apple Purée	pesticide residues (multi-residue)	FCPM2-FRU2	90 g		13/02/2023	295
19361b	Blank Apple Purée	blank	BLPM2-FRU5	90 g		13/02/2023	94

Single Residue Methods

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
09146	Oat Flour	chlormequat, mepiquat, glyphosate, AMPA and trinexapac-ethyl	FCMS5-CCP38	100 g		20/04/2022	295
09146b	Blank Oat Flour	blank	BLMS5-CCP67	100 g		20/04/2022	94
09152	Wheat Flour	chlormequat, mepiquat, glyphosate, AMPA and trinexapac-ethyl	FCMS5-CCP49	100 g		10/11/2022	295
09152b	Blank Wheat Flour	blank	BLMS5-CCP11	100 g		10/11/2022	94
19333	Grape Purée	dithiocarbamates	FCMS3-FRU49	90 g		21/03/2022	385
19333b	Blank Grape Purée	blank	BLMS3-FRU15	90 g		21/03/2022	118
19348	Lettuce Purée	dithiocarbamates	FCMS3-VEG49	90 g		19/09/2022	396
19348b	Blank Lettuce Purée	blank	BLMS3-VEG18	90 g		19/09/2022	121
19363	Red Grape Purée	single residue monitoring (see page 35 for potential residues)	FCMS5-FRU65	100 g		20/03/2023	504
19363b	Blank Red Grape Purée	blank	BLPM1-FRU28	100 g		20/03/2023	121
19364	Mandarin Purée	dithiocarbamates	FCMS3-FRU54	90 g		20/03/2023	396
19364b	Blank Mandarin	blank	BLMS3-FRU18	90 g		20/03/2023	121

QUALITY

Honey

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
2851	Honey	moisture, fructose, glucose, sucrose, hydroxymethylfurfural (HMF), diastase & free acid	FCQH3-HON2	100 g		08/03/2022	283
2852	Honey	moisture, fructose, glucose, sucrose, hydroxymethylfurfural (HMF) & diastase	FCQH2-HON2	100 g		21/06/2022	291
2853	Honey	fructose, glucose, sucrose, hydroxymethylfurfural (HMF), diastase, electrical conductivity, lead (Pb) & pH	FCQH1-HON2	100 g		01/11/2022	291
2854	Honey	moisture, fructose, glucose, sucrose, hydroxymethylfurfural (HMF), diastase & free acid	FCQH3-HON2	100 g		28/02/2023	291

Meat & Fish Indices

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
01152	Canned Meat	total volatile basic nitrogen (TVB-N)	FCQT1-MRP12	150 g		31/03/2022	287
01153	Salami	Water Activity	FCQW1-MRP38	15 g (4 slices)		03/05/2022	295
01161	Canned Meat	total volatile basic nitrogen (TVB-N)	FCQT1-MRP12	150 g		30/03/2023	301
25210	Canned Fish	total volatile basic nitrogen (TVB-N)	FCQT1-SEA7	150 g		04/03/2022	287
25219	Canned Fish	total volatile basic nitrogen (TVB-N)	FCQT1-SEA7	150 g		07/09/2022	301
25232	Canned Fish	total volatile basic nitrogen (TVB-N)	FCQT1-SEA7	150 g		17/03/2023	301

Olive Oil and Vegetable Oil

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
14245	Olive Oil	peroxide value, acidity, anisidine value & iodine value	FCQO1-OIL22	100 ml		04/01/2022	283
14248	Olive Oil	peroxide value, acidity, K_{232} & K_{270}	FCQO2-OIL22	100 ml		29/03/2022	283
14251	Vegetable Oil	peroxide value, acidity, anisidine value & iodine value	FCQO1-OIL30	50 ml		13/06/2022	294
14253	Olive Oil	peroxide value, acidity, anisidine value & iodine value	FCQO1-OIL22	100 ml		12/07/2022	294
14258	Olive Oil	peroxide value, acidity, K_{232} & K_{270}	FCQO2-OIL22	100 ml		20/09/2022	294

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
14261	Vegetable Oil	peroxide value, acidity, anisidine value & iodine value	FCQO1-OIL30	50 ml		15/11/2022	294
14265	Olive Oil	peroxide value, acidity, iodine value & saponification value	FCQO3-OIL22	100 ml		03/01/2023	294
14269	Olive Oil	peroxide value, acidity, K_{232} & K_{270}	FCQO2-OIL22	100 ml		28/03/2023	294
3401	Olive Oil	moisture & volatile matter, density, refractive index	FCQO4-OIL22	100 ml		05/08/2022	350

SEQUENCING

Bacterial DNA

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
SEQ0101	Bacterial DNA	MLST Type	FSOD01-UMI46	1 tube		01/03/2023	321

VETERINARY DRUG RESIDUES (for list of possible residues please see page 36)

Blank matrix samples are available to purchase with many of the proficiency test materials. Every effort has been made to ensure these do not contain the target analytes. Other analytes may be present. Where possible, incurred residues are used.

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
02454	Fish Muscle	malachite green,	FCVD11-SEA13	20 g		10/01/2022	372
02454b	Blank Fish Muscle	blank	BLVD11-SEA2	20 g		10/01/2022	112
02455	Fish Muscle	sulfonamides	FCVD20-SEA13	20 g		10/01/2022	372
02455b	Blank Fish Muscle	blank	BLVD20-SEA2	20 g		10/01/2022	112
02456	Honey	tetracyclines & macrolides	FCVD27-HON2	40 g		18/01/2022	372
02456b	Blank Honey	blank	BLVD27-HON1	40 g		18/01/2022	112
02457	Honey	nitrofurans metabolites	FCVD12-HON2	20 g		18/01/2022	372
02457b	Blank Honey	blank	BLVD12-HON1	20 g		18/01/2022	112
02458	Chicken	quinolones & fluoroquinolones	FCVD15-EGG2	20 g		31/01/2022	372
02458b	Blank Chicken (Hens) Eggs	blank	BLVD15-EGG1	20 g		31/01/2022	112
02459	Bovine Muscle	glucocorticoids	FCVD9-MRP8	20 g		31/01/2022	372
02459b	Blank Bovine Muscle	blank	BLVD28-MRP49	20 g		31/01/2022	112
02460	Prawns	tetracyclines	FCVD22-SEA20	20 g		14/02/2022	372
02460b	Blank Prawns	blank	BLVD22-SEA4	20 g		14/02/2022	112
02461	Bovine Liver	sulfonamides & trimethoprim &	FCVD29-MRP7	40 g		14/02/2022	372
02461b	Blank Bovine Liver	blank	BLVD29-MRP51	40 g		14/02/2022	112
02462	Bovine Serum	specified hormones	FCVD31-MRP52	2 x 25 ml		07/03/2022	425
02462b	Blank Bovine Serum	blank	BLVD31-MRP53	2 x 25 ml		07/03/2022	112
02463	Honey	chloramphenicol, florfenicol,	FCVD5-HON2	20 g		04/04/2022	383
02463b	Blank Honey	blank	BLVD5-HON1	20 g		04/04/2022	119
02464	Fish Muscle	quinolones & fluoroquinolones	FCVD15-SEA13	20 g		25/04/2022	383
02464b	Blank Fish Muscle	blank	BLVD15-SEA2	20 g		25/04/2022	119

Item Code	Matrix	Analytes	Product Code	Approx. Size	☼	Start Date	Fee (EUR)
02465	Chicken Liver	nitrofurans metabolites	FCVD12-MRP16	20 g	☼	25/04/2022	383
02465b	Blank Chicken	blank	BLVD12-MRP54	20 g	☼	25/04/2022	119
02466	Chicken Liver	tetracyclines	FCVD22-MRP16	20 g	☼	16/05/2022	383
02466b	Blank Chicken Liver	blank	BLVD22-MRP54	20 g	☼	16/05/2022	119
02467	Fish Muscle	ivermectins	FCVD1-SEA13	20 g	☼	16/05/2022	383
02467b	Blank Fish Muscle	blank	BLVD1-SEA2	20 g	☼	16/05/2022	119
02468	Pig Muscle	Beta-agonists	FCVD17-MRP32	20 g	☼	23/05/2022	383
02468b	Blank Pig Muscle	blank	BLVD17-MRP48	20 g	☼	23/05/2022	119
02469	Fish Muscle	illegal dyes (veterinary drugs)	FCVD10-SEA13	20 g	☼	23/05/2022	383
02469b	Blank Fish Muscle	blank	BLVD10-SEA2	20 g	☼	23/05/2022	119
02470	Pig Urine	synthetic hormones	FCVD21-MRP33	25 ml	☼	07/06/2022	383
02470b	Blank Pig	blank	BLVD21-MRP59	25 ml	☼	07/06/2022	119
02471	Bovine Kidney	quinolones & coccidiostats	FCVD34-MRP6	40 g	☼	20/06/2022	383
02471b	Blank Bovine Kidney	blank	BLPM1-MRP60	40 g	☼	20/06/2022	119
02472	Bovine Milk	tetracyclines & aminoglycosides	FCVD26-DRY4	40 ml	☼	04/07/2022	383
02472b	Blank Bovine Milk	blank	BLVD26-DRY20	40 ml	☼	04/07/2022	119
02473	Fish Muscle	chloramphenicol, florfenicol, thiamphenicol & total phenicols	FCVD5-SEA13	40 g	☼	04/07/2022	383
02473b	Blank Fish Muscle	blank	BLVD5-SEA2	40 g	☼	04/07/2022	119
02474	Honey	sulfonamides	FCVD20-HON2	20 g	☼	18/07/2022	383
02474b	Blank Honey	blank	BLVD20-HON1	20 g	☼	18/07/2022	119
02475	Fish Muscle	nitrofurans metabolites	FCVD12-SEA13	20 g	☼	18/07/2022	383
02475b	Blank Fish Muscle	blank	BLVD12-SEA2	20 g	☼	18/07/2022	119
02476	Turkey Muscle	coccidiostats	FCVD7-MRP44	20 g	☼	01/08/2022	383
02476b	Blank Turkey Muscle	blank	BLVD7-MRP61	20 g	☼	01/08/2022	119
02477	Chicken (Hens) Eggs	nitroimidazoles	FCVD13-EGG2	20 g	☼	01/08/2022	383
02477b	Blank Chicken (Hens) Eggs	blank	BLVD13-EGG1	20 g	☼	01/08/2022	119
02478	Honey	quinolones & fluoroquinolones	FCVD15-HON2	20 g	☼	16/08/2022	383
02478b	Blank Honey	blank	BLVD15-HON1	20 g	☼	16/08/2022	119
02479	Sheep Liver	ivermectins & anthelmintics	FCVD2-MRP41	40 g	☼	30/08/2022	383
02479b	Blank Sheep Liver	blank	BLVD23-MRP58	40 g	☼	30/08/2022	119
02480	Pig Liver	tranquilizers	FCVD32-MRP30	20 g	☼	30/08/2022	383
02480b	Blank Pig Liver	blank	BLVD24-MRP56	20 g	☼	30/08/2022	119

Item Code	Matrix	Analytes	Product Code	Approx. Size	☼	Start Date	Fee (EUR)
02481	Pig Liver	nitrofurantoin & carboxylic acid metabolites	FCVD35-MRP30	40 g	☼	05/09/2022	383
02481b	Blank Pig Liver	blank	BLPM1-MRP56	40 g	☼	05/09/2022	119
02482	Bovine Muscle	chloramphenicol, florfenicol, thiamphenicol & total phenolics	FCVD5-MRP8	40 g	☼	26/09/2022	383
02482b	Blank Bovine Muscle	blank	BLVD5-MRP49	40 g	☼	26/09/2022	119
02483	Bovine Milk	Beta-lactams (penicillins & cephalosporins)	FCVD18-DRY4	25 ml	☼	26/09/2022	383
02483b	Blank Bovine Milk	blank	BLVD18-DRY20	25 ml	☼	26/09/2022	119
02484	Poultry Feed	coccidiostats & chloramphenicol (contaminant)	FCVD8-AFE15	40 g		30/09/2022	383
02484b	Blank Poultry Feed	blank	BLVD30-AFE23	40 g		30/09/2022	119
02485	Turkey Muscle	sulfonamides	FCVD20-MRP44	20 g	☼	11/10/2022	383
02485b	Blank Turkey Muscle	blank	BLPM1-MRP61	20 g	☼	11/10/2022	119
02486	Prawns	nitrofurantoin metabolites	FCVD12-SEA20	20 g	☼	24/10/2022	383
02486b	Blank Prawns	blank	BLVD12-SEA4	20 g	☼	24/10/2022	119
02487	Fish Muscle	tetracyclines	FCVD22-SEA13	20 g	☼	24/10/2022	383
02487b	Blank Fish Muscle	blank	BLVD22-SEA2	20 g	☼	24/10/2022	119
02488	Prawns	chloramphenicol, florfenicol, thiamphenicol & total phenolics	FCVD5-SEA20	40 g	☼	14/11/2022	383
02488b	Blank Prawns	blank	BLVD5-SEA4	40 g	☼	14/11/2022	119
02489	Bovine Kidney	non-steroidal anti-inflammatory drugs (NSAIDs)	FCVD24-MRP6	25 g	☼	14/11/2022	383
02489b	Blank Bovine Kidney	blank	BLVD25-MRP60	25 g	☼	14/11/2022	119
02490	Pig Urine	Beta-agonists	FCVD17-MRP33	25 ml	☼	28/11/2022	383
02490b	Blank Pig	blank	BLVD17-MRP59	25 ml	☼	28/11/2022	119
02491	Honey	nitroimidazoles & aminoglycosides (streptomycin & dihydrostreptomycin)	FCVD14-HON2	40 g	☼	05/12/2022	383
02491b	Blank Honey	blank	BLVD14-HON1	40 g	☼	05/12/2022	119
02492	Pig Urine	Natural Hormones and Thyrostats	FCVD33-MRP33	40 ml	☼	05/12/2022	383
02493	Fish Muscle	malachite green, leucomalachite green & total malachite green	FCVD11-SEA13	20 g	☼	09/01/2023	383
02493b	Blank Fish Muscle	blank	BLVD11-SEA2	20 g	☼	09/01/2023	119
02494	Fish Muscle	sulfonamides	FCVD20-SEA13	20 g	☼	09/01/2023	383
02494b	Blank Fish Muscle	blank	BLVD20-SEA2	20 g	☼	09/01/2023	119
02495	Honey	tetracyclines & macrolides	FCVD27-HON2	40 g	☼	17/01/2023	383
02495b	Blank Honey	blank	BLVD27-HON1	40 g	☼	17/01/2023	119
02496	Honey	nitrofurantoin metabolites	FCVD12-HON2	20 g	☼	17/01/2023	383
02496b	Blank Honey	blank	BLVD12-HON1	20 g	☼	17/01/2023	119

Item Code	Matrix	Analytes	Product Code	Approx. Size		Start Date	Fee (EUR)
02497	Chicken Liver	quinolones & fluoroquinolones	FCVD15-MRP16	20 g		06/02/2023	383
02497b	Blank Chicken Liver	blank	BLVD15-MRP54	20 g		06/02/2023	119
02498	Rabbit Muscle	chloramphenicol, florfenicol, florfenicol-amine, thiamphenicol, total phenicols & total benzimidazoles	FCVD37-MRP37	40 g		06/02/2023	383
02498b	Blank Rabbit Muscle	blank	BLPM1-MRP62	40 g		06/02/2023	119
02499	Prawns	tetracyclines	FCVD22-SEA20	20 g		20/02/2023	383
02499b	Blank Prawns	blank	BLVD22-SEA4	20 g		20/02/2023	119
02500	Bovine Milk	sulfonamides & trimethoprim & macrolides	FCVD29-DRY4	40 ml		20/02/2023	383
02500b	Blank Bovine Milk	blank	BLVD29-DRY20	40 ml		20/02/2023	119
02501	Bovine Urine	glucocorticoids & thyrostats	FCVD36-MRP9	40 ml		07/03/2023	383
02501b	Blank Bovine Urine	blank	BLVD32-MRP46	40 ml		07/03/2023	119
02502	Bovine Serum	specified hormones	FCVD31-MRP52	40 ml		07/03/2023	438
02502b	Blank Bovine	blank	BLVD31-MRP53	40 ml		07/03/2023	119

Potential Pesticide Residues

Multi Residue: 2, 4-D (free acid only), 2-phenylphenol (ortho-phenylphenol), 6-benzylaminopurine, abamectin (sum of avermectin B1a and B1b only), acephate, acetamiprid, acetochlor, aclonifen, acrinathrin, aldicarb, aldicarb-sulfone (aldoxycarb), aldicarb-sulfoxide, aldrin, allethrin, ametoctradin, amidosulfuron, atrazine, azinphos-ethyl, azinphos-methyl, azoxystrobin, benalaxyl, bendiocarb, benthialvalicarb-isopropyl, bifenthrin (sum of isomers), biphenyl, bitertanol, boscalid, bromophos-ethyl, bromopropylate, bromuconazole (sum of diastereoisomers), bupirimate, buprofezin, cadusafos, carbaryl, carbendazim, carbofuran, carbofuran (3-hydroxy), carboxin, chlorantraniliprole (rynaxypyr), chlordane (cis), chlordane (oxy), chlordane (trans), chlorfenapyr, chlorfenvinphos (sum of E and Z isomers), chloridazon, chlorobenzilate, chlorothalonil, chlorpropham, chlorpyrifos (ethyl), chlorpyrifos-methyl, chlorthal-dimethyl, clofentezine, clothianidin, coumaphos, cyazofamid, cyflufenamid, cyfluthrin (sum of constituent isomers), cyhalothrin-lambda (includes cyhalothrin-gamma) (sum of R, S and S, R isomers), cymoxanil, cypermethrin (sum of constituent isomers), cyproconazole, cyprodinil, cyromazine, DDD-pp (TDE), DDE-pp, DDT-op, DDT-pp, deltamethrin, demeton-S-methyl, demeton-S-methyl-sulfone, demeton-S-methyl-sulfoxide (oxydemeton-methyl), diafenthiuron, diazinon, dichlorvos, dicloran, dicofol (sum of p, p' and o, p' isomers), dicrotophos, dieldrin, diethofencarb, difenoconazole, diflubenzuron, dimethoate, dimethomorph (sum of isomers), dimoxystrobin, diniconazole, dinotefuran, diphenylamine, disulfoton, disulfoton-sulfone, disulfoton-sulfoxide, diuron, dodine, Emamectin (as emamectin benzoate B1a, expressed as emamectin), endosulfan I (alpha), endosulfan II (beta), endosulfan-sulfate, endrin, EPN, epoxiconazole, ethiofencarb, ethiofencarb-sulfone, ethiofencarb-sulfoxide, ethion, ethirimol, ethoprophos, etofenprox, etoxazole, etrimfos, famoxadone, fenamidone, fenamiphos, fenamiphos-sulfone, fenamiphos-sulfoxide, fenarimol, fenazaquin, fenbuconazole, fenbutatin oxide, fenhexamid, fenitrothion, fenoxycarb, fenpropathrin, fenpropidin (sum of fenpropidin and its salts, expressed as fenpropidin), fenpropimorph (sum of isomers), fenpyroximate, fensulfothion, fensulfothion-oxon, fensulfothion-oxon-sulfone, fensulfothion-sulfone, fenthion (parent compound only), fenthion-sulfone, fenthion-sulfoxide, fenvalerate (sum of constituent isomers in any ratio including esfenvalerate), fipronil (parent compound only), fipronil-desulfinyl, fipronil-sulfone, flonicamid, fluazifop (free acid), fluazinam, flubendiamide, flucythrinate, fludioxonil, flufenacet (parent compound only), flufenoxuron, fluopicolide, fluopyram, Fluoxastobin (sum of fluoxastobin and its Z-isomer), fluquinconazole, flusilazole, flutolanil, flutriafol, fluvalinate (tau), fluxapyroxad, fonofos, fosthiazate, furathiocarb, haloxyfop (free acid), HCB (hexachlorobenzene), HCH-A (alpha hexachlorocyclohexane), HCH-B (beta hexachlorocyclohexane), HCH-G (gamma hexachlorocyclohexane / lindane), heptachlor, heptachlor-epoxide (cis), heptachlor-epoxide (trans), heptenophos, hexaconazole, hexythiazox, imazalil, imidacloprid, indoxacarb (sum of indoxacarb and its R enantiomer), iprodione, iprovalicarb, isocarbofos, isofenphos (ethyl), isofenphos-methyl, isoprocarb, isoprothiolane, isoproturon, kresoxim-methyl, lenacil, linuron, lufenuron, malaoxon, malathion, mandipropamid, mecarbam, mepanipyrim, metaflumizone (sum of E and Z isomers), metalaxyl (sum of constituent isomers including metalaxyl-M), metamitron, metconazole, methacrifos, methamidophos, methidathion, methiocarb, methiocarb-sulfone, methiocarb-sulfoxide, methomyl, methoxychlor, methoxyfenozide, metolachlor (sum of constituent isomers including S-metolachlor), metrafenone, metribuzin, mevinphos (sum of E and Z isomers), molinate, monocrotophos, monolinuron, myclobutanil, nitrofen, novaluron, omethoate, oxadiazon, oxadixyl, oxamyl, oxyfluorfen, paclobutrazol, parathion (-ethyl), parathion-methyl, penconazole, pencycuron, pendimethalin, penflufen, pentachloroaniline, penthiopyrad, permethrin (sum of isomers), phenthoate, phorate, phorate-sulfone, phorate-sulfoxide, phosalone, phosmet, phosphamidon, phoxim, phthalimide, picoxystrobin, piperonyl butoxide, pirimicarb, pirimicarb (desmethyl), pirimiphos-ethyl, pirimiphos-methyl, prochloraz (parent compound only), procymidone, profenofos, promecarb, prometryn, propamocarb, propargite, propetamphos, propiconazole, propoxur, propyzamide, proquinazid, prosulfocarb, prothioconazole-desthio (sum of isomers), prothiofos, pymetrozine, pyraclostrobin, pyrazophos, pyrethrin (sum), pyridaben, pyridalyl, pyridaphenthion, pyrimethanil, pyriproxyfen, quassia, quinalphos, quinoxifen, quintozone, spinetoram, spinosad (sum of spinosyn A and D), spiroticlofen, spiromesifen, spirotetramat (parent compound only), spirotetramat-enol (expressed as spirotetramat), spiroxamine, tebuconazole, tebufenozide, tebufenpyrad, tecnazene, teflubenzuron, tefluthrin, terbufos, terbufos-sulfone, terbufos-sulfoxide, terbuthylazine, tetrachlorvinphos, tetraconazole, tetradifon, tetramethrin (sum of constituent isomers), TFNA, TFNG, thiabendazole, thiacloprid, thiamethoxam, thiodicarb, thiophanate-methyl, THPI, tolclofos-methyl, tolfenpyrad, tolylfluanid, triadimefon, triadimenol, triallate, triazophos, tricyclazole, trifloxystrobin, triflumuron, trifluralin, triticonazole, vinclozolin, zoxamide.

Multi Residue Honey Matrix: acetamiprid, amitraz (parent compound only), clothianidin, coumaphos, dinotefuran, DMF (N-2, 4-dimethylformamide), DMPF (N-2, 4-dimethylphenylformamide), fluvalinate (tau), imidacloprid, methamidophos, nitenpyram, thiacloprid, thiamethoxam.

Multi Residue Tea Matrix: 2-phenylphenol (ortho-phenylphenol), abamectin (sum of avermectin B1a and B1b only), acetamiprid, anthraquinone, bifenthrin (sum of isomers), boscalid, buprofezin, carbaryl, carbendazim, chlorfenapyr, chlorfenvinphos (sum of E and Z isomers), chlorothalonil, chlorpyrifos (ethyl), cyhalothrin-lambda (includes cyhalothrin-gamma) (sum of R, S and S, R isomers), cypermethrin (sum of constituent isomers), DDD-pp (TDE), DDE-pp, DDT-op, DDT-pp, deltamethrin, diazinon, dicofol (sum of p, p' and o, p' isomers), dimethoate, dinotefuran, diuron, endosulfan I (alpha), endosulfan II (beta), endosulfan-sulfate, ethion, fenazaquin, fenitrothion, fenpropathrin, fenpropimorph (sum of isomers), fenvalerate (sum of constituent isomers in any ratio including esfenvalerate), fipronil-sulfone, flubendiamide, HCB (hexachlorobenzene), HCH-A (alpha hexachlorocyclohexane), HCH-B (beta hexachlorocyclohexane), HCH-G (gamma hexachlorocyclohexane / lindane), imidacloprid, linuron, malathion, methomyl, monocrotophos, oxadixyl, permethrin (sum of isomers), phenthoate, phosalone, picoxystrobin, pirimiphos-methyl, procymidone, propargite, propiconazole, pyridaben, pyrimethanil, quinalphos, tebuconazole, terbuthylazine, tolfenpyrad, triazophos, trifloxystrobin

EU Red List: aldrin: cadusafos, chlorpropham, demeton-S-methyl, demeton-S-methyl-sulfone, demeton-S-methyl-sulfoxide (oxydemeton-methyl), dieldrin, dimethoate, diphenylamine, disulfoton, disulfoton-sulfone, disulfoton-sulfoxide, endrin, ethoprophos, fensulfothion, fensulfothion-oxon, fensulfothion-oxon-sulfone, fensulfothion-sulfone, fentin (as triphenyltin cation), fipronil (parent compound only), fipronil-desulfinyl, fipronil-sulfone, haloxyfop (free acid), HCB (hexachlorobenzene), heptachlor, heptachlor-epoxide (cis), heptachlor-epoxide (trans), nitrofen, omethoate, terbufos, terbufos-sulfone, terbufos-sulfoxide.

Specified Residues: acetamiprid, aldrin, azoxystrobin, bifenthrin (sum of isomers), chlorpyrifos (ethyl), chlorpyrifos-methyl, cypermethrin (sum of constituent isomers), DDE-pp, deltamethrin, dichlorvos, dieldrin, dimethoate, endosulfan I (alpha), endosulfan II (beta), endosulfan-sulfate, endrin, ethion, fenpropathrin, fenthion-sulfone, HCH-A (alpha hexachlorocyclohexane), HCH-B (beta hexachlorocyclohexane), HCH-G (gamma hexachlorocyclohexane / lindane), malathion, parathion-methyl, permethrin (sum of isomers), triazophos

Recommended Monitoring: abamectin (sum of avermectin B1a and B1b only), amitraz (parent compound only), bifenthrin (sum of isomers), cypermethrin (sum of constituent isomers), diazinon, dichlorvos, DMF (N-2, 4-dimethylformamide), DMPF (N-2, 4-dimethylphenylformamide), etoxazole, fipronil (parent compound only), fipronil-desulfinyl, fipronil-sulfone, flufenoxuron, pyridaben, pyriproxyfen, thiamethoxam

Single Residue Monitoring: 2, 4-DB, chlormequat (sum of chlormequat and its salts; expressed as chlormequat chloride), ethephon, ETU, fenbutatin oxide, fosetyl aluminium, glyphosate, haloxyfop (free acid), maleic hydrazide, mepiquat (sum of mepiquat and its salts; expressed as mepiquat chloride), MPPA, phosphonic acid, PTU, quizalofop (free acid)

Fat Soluble: abamectin (sum of avermectin B1a and B1b only), acephate, aldicarb, aldicarb-sulfone (aldoxycarb), aldicarb-sulfoxide, aldrin, allethrin, azamethiphos, azinphos-ethyl, azinphos-methyl, bendiocarb, bifenthrin (sum of isomers), bixafen, boscalid, bromophos-ethyl, cadusafos, carbaryl, carbendazim, carbofuran, carbofuran (3-hydroxy), chlordane (cis), chlordane (oxy), chlordane (trans), chlorfenvinphos (sum of E and Z isomers), chlorobenzilate, chlorpropham, chlorpyrifos (ethyl), chlorpyrifos-methyl, coumaphos, cyfluthrin (sum of constituent isomers), "cyhalothrin-lambda (includes cyhalothrin-gamma) (sum of R, S and S, R isomers)", cypermethrin (sum of constituent isomers), cyproconazole, cyromazine, DDD-pp (TDE), DDE-pp, DDT-op, DDT-pp, deltamethrin, diazinon, dieldrin, diflubenzuron, dimethoate, endosulfan I (alpha), endosulfan II (beta), endosulfan-sulfate, endrin, epoxiconazole, ethoprophos, etofenprox, etoxazole, famoxadone, fenitrothion, fenoxycarb, fenpropathrin, fenpropidin (sum of fenpropidin and its salts, expressed as fenpropidin), fenpropimorph (sum of isomers), fenthion (parent compound only), fenthion-sulfone, fenthion-sulfoxide, fenvalerate (sum of constituent isomers in any ratio including esfenvalerate), fipronil (parent compound only), fipronil-desulfinyl, fipronil-sulfone, fluazifop (free acid), flufenoxuron, flumethrin, fluquinconazole, flusilazole, fluvalinate (tau), haloxyfop (free acid), HCB (hexachlorobenzene), HCH-A (alpha hexachlorocyclohexane), HCH-B (beta hexachlorocyclohexane), HCH-D (delta hexachlorocyclohexane), HCH-G (gamma hexachlorocyclohexane / lindane), heptachlor, heptachlor-epoxide (cis), heptachlor-epoxide (trans), indoxacarb (sum of indoxacarb and its R enantiomer), lufenuron, malathion, metaflumizone (sum of E and Z isomers), metazachlor, methacrifos, methamidophos, methidathion, methiocarb, methiocarb-sulfone, methiocarb-sulfoxide, methomyl, methoxychlor, nitrofen, omethoate, oxamyl, parathion (-ethyl), parathion-methyl, PCB 101, PCB 118, PCB 138, PCB 153, PCB 180, PCB 28, PCB 52, pendimethalin, permethrin (sum of isomers), phosmet, phoxim, pirimicarb, pirimicarb (desmethyl), pirimiphos-methyl, prochloraz (parent compound only), profenofos, propetamphos, propoxur, prothioconazole-desthio (sum of isomers), pyrazophos, pyridaben, pyriproxyfen, quintozone, spinosad (sum of spinosyn A and D), tebuconazole, tecnazene, teflubenzuron, tefluthrin, tetrachlorvinphos, tetraconazole, thiacloprid, thiamethoxam, thiodicarb, triazophos, trifluralin, vinclozolin

Quaternary Ammonium Compounds (QACs): BAC 10 (Benzyldimethyldecylammonium Chloride), BAC 12 (Benzyldimethyldodecylammonium Chloride), BAC 14 (Benzyldimethyltetradecylammonium Chloride), BAC 16 (Benzyldimethylhexadecylammonium Chloride), DDAC (Didecylmethylammonium Chloride)

Disinfectant By Products: BAC 10 (Benzyldimethyldecylammonium Chloride), BAC 12 (Benzyldimethyldodecylammonium Chloride), BAC 14 (Benzyldimethyltetradecylammonium Chloride), BAC 16 (Benzyldimethylhexadecylammonium Chloride), chlorate, DDAC (Didecylmethylammonium Chloride), perchlorate

Potential Fish Species

Fish Speciation

Gadus macrocephalus (Tilesius 1810), *Gadus morhua* (Linnaeus 1758), *Hippoglossus hippoglossus* (Linnaeus 1758), *Limanda limanda* (Linnaeus 1758), *Melanogrammus aeglefinus* (Linnaeus 1758), *Merlangius merlangus* (Linnaeus 1758), *Merluccius merluccius* (Linnaeus 1758), *Pangasius hypophthalmus* (Sauvage 1878), *Pleuronectes platessa* (Linnaeus 1758), *Pollachius virens* (Linnaeus 1758), *Gadus chalcogrammus* (Pallas 1814) (previously *Theragra chalcogramma*)

Potential Pyrrolizidine Alkaloids

Pyrrolizidine Alkaloids: Echimidine (Em), Echimidine-N-oxide (Em-ox), Erucifoline (Er), Erucifoline-N-oxide (Er-ox), Europine (Eu), Europine-N-oxide (Eu-ox), Heliotrine (Ht), Heliotrine-N-oxide (Ht-ox), Intermedine (Im), Intermedine-N-oxide (Im-ox), Jacobine (Jb), Jacobine-N-oxide (Jb-ox), Lasiocarpine (Lc), Lasiocarpine-N-oxide (Lc-ox), Lycopsamine (Ly), Lycopsamine-N-oxide (Ly-ox), Monocrotaline (Mc), Monocrotaline-N-oxide (Mc-ox), Retrorsine (Rt), Retrorsine-N-oxide (Rt-ox), Senecionine (Sn), Senecionine N-Oxide (SN-ox), Seneciophylline (Sp), Seneciophylline-N-oxide (Sp-ox), Senecivernine (Sv), Senecivernine-N-oxide (Sv-ox), Senkirkine (Sk), Trichodesmine (Td)

Potential Veterinary Drug Residues

Aminoglycosides: apramycin, dihydrostreptomycin, gentamicin, kanamycin, neomycin, paromomycin, spectinomycin, streptomycin, total aminoglycosides

Anthelmintics: 5-hydroxythiabendazole, albendazole, albendazole-2-amino-sulfone, albendazole-sulfone, albendazole-sulfoxide, aminoflubendazole, aminomebendazole (mebendazole amine), amino-oxibendazole, cambendazole, clorsulon, closantel, coumaphos, derquantel, febantel, fenbendazole, flubendazole, hydroxyflubendazole, hydroxymebendazole, ketotriclabendazole, levamisole, mebendazole, monepantel, monepantel-sulfone, morantel, niclosamide, nitroxinil (nitroxynil), oxfendazole, oxfendazole-sulfone, oxibendazole, oxclozanide, rafoxanide, thiabendazole, total albendazole-sulfone, total benzimidazoles, total flubendazole, total mebendazole, total oxfendazole-sulfone (sum of extractable residues which may be oxidized to oxfendazole sulfone), total thiabendazole, total triclabendazole, triclabendazole, triclabendazole-sulfone, triclabendazole-sulfoxide

Avermectins: abamectin (avermectin B1a only), doramectin, emamectin, eprinomectin, ivermectin, moxidectin, total avermectins

β-Agonists: ractopamine, ritodrine, salbutamol, salmeterol, terbutaline, total β-agonists, tulobuterol, zilpaterol

β-Lactams: amoxicillin, ampicillin, benzyl penicillin (penicillin G), cefalexin, cefalonium, cefapirin, cefazolin, cefoperazone, cefquinome, cloxacillin, desacetylcefapirin, dicloxacillin, nafcillin, oxacillin, penicillin V

Coccidiostats: amprolium, clodol, decoquinate, diclazuril, DNC (nicarbazin component), halofuginone, lasalocid, maduramycin, monensin, narasin, robenidine, salinomycin, semduramycin, toltrazuril-sulfone, total coccidiostats

Gestagens: altrenogest, chlormadinone, medroxyprogesterone, megestrol, melengestrol, total gestagens

Glucocorticoids: betamethasone, dexamethasone, prednisolone, total glucocorticoids

Illegal Dyes (As Vet Drugs): brilliant green, crystal violet, leucocrystal violet, leucomalachite green, malachite green, total crystal violet, total malachite green, total veterinary dyes

Nitrofurans Metabolites: AHD (bound), AHD (total), AMOZ (bound), AMOZ (total), AOZ (bound), AOZ (total), SEM (bound), SEM (total), total nitrofurans metabolites

Nitroimidazoles: 2-hydroxy dimetridazole (HMMNI), 2-hydroxy ipronidazole, 2-hydroxy metronidazole, dimetridazole, ipronidazole, metronidazole, ronidazole, total nitroimidazoles

Macrolides: 3-O-acetyltylosin, erythromycin, gamithromycin, josamycin, lincomycin, oleandomycin, pirlimycin, rifampicin, spiramycin, tildipirosin, tilmicosin, total macrolides, total tylosin, tulathromycin, tylosin A, tylosin B, tylvalosin (aivlosin), virginiamycin

Natural Hormones: 17alpha-19-nortestosterone, 17alpha-Oestradiol (estradiol), 17beta-oestradiol (estradiol), 17beta-testosterone, beta-boldenone, boldenone, methyltestosterone, total natural hormones

Non-Specific Anti-Inflammatory Drugs: 5-hydroxyflunixin, carprofen, diclofenac, flunixin, ibuprofen, ketoprofen, meloxicam, naproxen, niflumic acid, oxyphenylbutazone, phenylbutazone, tolfenamic acid, total NSAIDs, vedaprofen

Phenicol: chloramphenicol, florfenicol, florfenicol-amine, thiamphenicol

Quinolones: ciprofloxacin, danofloxacin, difloxacin, enrofloxacin, flumequine, marbofloxacin, nalidixic acid, norfloxacin, ofloxacin, oxolinic acid, sarafloxacin, total quinolones

Sulphonamides: dapson, sulfachloropyridazine, sulfadiazine, sulfadimethoxine, sulfadimidine (sulfamethazine), sulfadoxine, sulfaguanidine, sulfamerazine, sulfamethizole, sulfamethoxazole, sulfamethoxypyridazine, sulfamonomethoxine, sulfamoxole, sulfanilamide, sulfapyridine, sulfaquinoxaline, sulfathiazole, sulfisoxazole, total sulfonamides

Synthetic Hormones: 16beta-hydroxystanozolol, alpha-Boldenone, alpha-Nortestosterone, alpha-trenbolone, beta-trenbolone, cis-diethylstilbestrol (DES), dienestrol, ethinylestradiol, hexoestrol, methylboldenone, methyltestosterone, stanozolol, taleranol (beta-zearalanol), total diethylstilbestrol (DES), total synthetic hormones, trans-diethylstilbestrol (DES), zearalenone (ZON), zeranol (alpha-zearalanol)

Tetracyclines: 4-epi-chlortetracycline, 4-epi-oxytetracycline, 4-epi-tetracycline, chlortetracycline, doxycycline, oxytetracycline, tetracycline, total chlortetracycline (parent + epimer), total oxytetracycline (parent + epimer), total tetracycline (parent + epimer), total tetracyclines (all)

Thyrostats: 6-methyl-2-thiouracil (methylthiouracil), dimethylthiouracil, ethylthiouracil, mercaptobenzimidazole, methimazole (tapazole), phenylthiouracil, propylthiouracil, thiouracil, total thyrostats

Tranquilisers: acepromazine, azaperol, azaperone, carazolol, chlorpromazine, haloperidol, propionylpromazine, total tranquilizers, xylazine

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The screenshot shows the Fapas website at <https://fapas.com/new-features>. The top navigation bar includes links for Proficiency Tests, Quality Control Materials, Reference Materials, New 2021/22 Programme, How to Order, and New Features. The 'My Account' link is highlighted with a red box. The main banner features a laboratory setting with chemical structures overlaid. Below the banner, the section 'Getting the most from your PT provider' is visible, followed by a section titled 'Proficiency Assessment on Demand'.

The screenshot shows the Fapas website at <https://fapas.com/how-order>. The top navigation bar is similar to the previous page, but the 'How to Order' link is highlighted with a red box. The main banner features a close-up image of laboratory equipment, likely a centrifuge or similar device.

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Ihre Ansprechpartner:

Michael Hüttemann
Florian Kersten
Claudia Aldag

Eurofins WEJ Contaminants GmbH

Neuländer Kamp 1
21079 Hamburg

Tel.: +49 40 49294 2930
E-Mail: Fapas@eurofins.de



PROFICIENCY TESTING

 www.fapas.com

 info@fapas.com

Fera Science Ltd

York Biotech Campus
Sand Hutton, York, YO41 1LZ
United Kingdom

 www.fera.co.uk

 +44 (0)1904 462100