



FOOD AND BEVERAGE CHEMISTRY



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

Quantity	Discount
21 - 45 tests	5%
46 - 70 tests	10%
71 or more	20%

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.



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