

The Food Chemistry (QFCS) proficiency testing scheme includes chemical samples in food. The following form contains the calendar of rounds followed by descriptions of the samples and prices. Please complete all sections below and return to LGC AXIO Proficiency Testing: axiopt@lgcgroup.com

Returning customer Lab
ID:

Purchase order no.:
(compulsory)

YOUR ORDER

If you would like to renew your order for the same samples/rounds as per previous year, please tick this box:

RENEW ME AS LAST YEAR

☐

We will copy over the samples/rounds purchased by you in the previous year and send you an order confirmation for your review. If you would like to add any other samples to your order, please mark them accordingly on the subsequent pages.

If you would prefer to place a different/new order for this scheme year, please review the samples available on subsequent pages and indicate the number of samples required for each sample/round accordingly.

SCHEDULE OVERVIEW

Month	Round	Despatch Date	Reporting Deadline	Samples Available
FEB	FC370	01 Feb 2027	08 Mar 2027	770, 772, 774, 778SBO, 781, 785, 793, 796, 809, 813, 819, 823, 832, 858, 862, 863, 865, 869, 870, 872, 882, 891, 905, 908, 918
MAR	FC371	15 Mar 2027	19 Apr 2027	771, 774, 775, 783, 787, 790, 801, 804, 812, 814, 815, 837, 843, 845, 850, 861, 868, 876, 881, 889, 890, 904, 907, 911, 920, 923
APR	FC372	26 Apr 2027	01 Jun 2027	770, 772, 774, 776, 778CO, 779, 794, 803, 810, 811, 817, 824, 826, 835, 857, 871, 879, 883, 894, 896, 900, 912, 916, 921, 922, 924
JUN	FC374	14 Jun 2027	19 Jul 2027	760, 761, 762, 763, 782, 789, 791, 799, 802, 805, 816, 820, 825, 829, 838, 840, 848, 851, 853, 855, 878, 899, 901, 919, 926, 930
JUL	FC375	05 Jul 2027	09 Aug 2027	770, 772, 774, 778SO, 781, 784, 793, 796, 818, 819, 823, 852, 854, 863, 874, 877, 885, 891, 897, 910, 914, 918, 927, 928, 929
AUG	FC376	16 Aug 2027	20 Sep 2027	771, 774, 775, 777, 783, 790, 797, 798, 801, 808, 812, 814, 815, 827, 830, 836, 846, 866, 880, 886, 892, 893, 909, 920, 923
OCT	FC378	18 Oct 2027	22 Nov 2027	770, 772, 774, 776, 778RO, 779, 780, 810, 811, 817, 824, 826, 834, 856, 879, 895, 900, 903, 913, 915, 916, 917, 921, 924
NOV	FC379	29 Nov 2027	17 Jan 2028	760, 761, 762, 763, 778MO, 782, 786, 788, 791, 820, 822, 825, 828, 829, 831, 839, 841, 853, 855, 867, 875, 898, 899, 902, 907, 919, 925

Please ensure that LGC receive your order as soon as possible in order to avoid stock shortages. Please note that orders received the week prior to the despatch date may be subject to a despatch delay.

Samples PT-FC-779, PT-FC-794, PT-FC-804, PT-FC-845, PT-FC-867, PT-FC-916 and PT-FC-922 are subject to UK export control and as such, we require a licence to ship. Please ensure your order is placed 6 weeks prior to the despatch date to allow sufficient time to apply for a license. LGC will contact you with further information once the order is placed.

The despatch date shown above is the date the sample will leave our site in the UK. Please note, this is not the date the samples will arrive at your laboratory. Delivery times vary based on country, if you require further information, please contact LGC.

SAMPLE AVAILABILITY – PLEASE SEE PAGE 1 FOR SPECIFIC DESPATCH AND REPORTING DATES

Please indicate the number of samples required per round in the grid. If you require a sample in all available rounds, please complete the **All Rounds** column.

Please note: Where a footnote symbol (* | # | ^ | †) appears in a column, the footnote description text may appear at the end of a table that may span across multiple pages. Please scroll to the end of the table for these details.

Additives				Round and Month (FC)								
Sample	Quantity	Supplied As	Target Analytes	All Rounds	FEB 370	MAR 371	APR 372	JUN 374	JUL 375	AUG 376	OCT 378	NOV 379
PT-FC-760 Preservatives	100ml	Liquid test material	Sorbic Acid; Benzoic Acid; Sulfur Dioxide	☐				☐				☐
PT-FC-761 Sweeteners	100ml	Liquid test material	Acesulfame K; Aspartame; Saccharin; Sucralose	☐				☐				☐
PT-FC-762 Food colours	100ml	Liquid test material	Ponceau 4R; Carmoisine; Sunset Yellow; Indigo Carmine#	☐				☐				☐
PT-FC-763 Food colours	100ml	Liquid test material	Allura Red; Tartrazine; Quinoline Yellow; Brilliant Blue	☐				☐				☐
PT-FC-797 Preservatives	200g	Dried fruit slurry	Sulfur dioxide	☐						☐		
PT-FC-863 * Organic acids (additives)	100g	FC370: Bakery products FC375: Fermented flour	Propionic acid (E280); Sorbic acid (E200); Benzoic acid (E210); Citric acid (E330); Tartaric acid (E334); Acetic acid (E260); Malic acid (E296); Butyric acid	☐	☐				☐			
PT-FC-885 * Titanium dioxide in food	20g	Royal icing	Titanium dioxide	☐					☐			

Additives				Round and Month (FC)								
Sample	Quantity	Supplied As	Target Analytes	All Rounds	FEB 370	MAR 371	APR 372	JUN 374	JUL 375	AUG 376	OCT 378	NOV 379
PT-FC-912 * Tomato based cooking sauce	25g	Tomato based cooking sauce	At least 5 food colours will be present every time. A list of 19 potential food colours is provided in Appendix E of the scheme description.	☐			☐					
PT-FC-929 * Steviol glycosides in food NEW	30g	Nutritionally complete powdered food	Total steviol glycosides (as steviol equivalents); Rebaudioside A (as steviol equivalents); Rebaudioside M (as steviol equivalents); Stevioside (as steviol equivalents)	☐					☐			

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Nutritional Information				Round and Month (FC)								
Sample	Quantity	Supplied As	Target Analytes	All Rounds	FEB 370	MAR 371	APR 372	JUN 374	JUL 375	AUG 376	OCT 378	NOV 379
PT-FC-770 Cereal based food matrix	100g	FC370: Crackers FC372: Breakfast cereal FC375: Biscuits FC378: Breakfast cereal	Energy; Fat; Carbohydrate; Total Sugars; Total Dietary Fibre; Dietary fibre; Protein; Salt; Sodium; Ash; Moisture; Phosphate; Magnesium; Potassium; Zinc; Calcium; Phosphorus	☐	☐		☐		☐		☐	
PT-FC-771 Cereal based food matrix	200g	FC371: Infant cereal product FC376: Fortified cereal product	Vitamin A; B1 (Thiamine); B2 (Riboflavin); B3 (Niacin); B5 (Pantothenic Acid); B6; B9 (Folic acid); B12; C; D; Iron	☐		☐				☐		
PT-FC-772 Pre-prepared food	200g	FC370: Pasta based meal FC372: Vegetable based meal FC375: Rice based meal FC378: Potato based meal	Energy; Fat; Saturates; Mono-unsaturates; Poly-unsaturates; Total trans fatty acids; Carbohydrate; Total Sugars; Dietary fibre; Total dietary Fibre; Protein; Salt; Sodium; Ash; Moisture; Phosphate; Cholesterol	☐	☐		☐		☐		☐	

Nutritional Information				Round and Month (FC)								
Sample	Quantity	Supplied As	Target Analytes	All Rounds	FEB 370	MAR 371	APR 372	JUN 374	JUL 375	AUG 376	OCT 378	NOV 379
PT-FC-774 Food products	50g	FC370: Cured meat FC371: Jam FC372: Hard cheese FC375: Cured meat FC376: Biscuits FC378: Hard cheese	Water activity	☐	☐	☐	☐		☐	☐	☐	
PT-FC-775 Wheat flour	100g	FC371: Wholemeal bread flour FC376: Self-raising white flour	Fat; Protein; Dietary fibre; Ash; Moisture; Calcium; Iron	☐		☐				☐		
PT-FC-776 Bread	100g	FC372: Wholemeal bread FC378: White bread	Fat; Protein; Dietary Fibre; Acidity; Ash; Moisture; Sodium; Chloride; Calcium; Iron; Vitamins B1; B2; B3; pH	☐			☐				☐	
PT-FC-783 Tomato paste/ purée	150g	FC371: Tomato Purée FC376: Tomato Paste	pH; Brix; Total acidity; Total solids; Ash; Salt; Bostwick Viscosity#	☐		☐				☐		
PT-FC-793 Cake	100g	FC370: Chocolate cake FC375: Toffee cake	Energy; Fat; Total Sugars; Total Dietary Fibre; Dietary fibre; Protein; Acidity; Ash; Moisture; Sodium; Chloride; Calcium; Salt	☐	☐				☐			
PT-FC-801 Honey	200g	Blossom honey	Moisture; Electrical conductivity; Ash; pH; Free acidity; Hydroxymethylfurfural (HMF); Diastase enzymatic activity (Diastase number); Fructose; Glucose; Sucrose; Water insoluble solids; Apparent reducing sugars	☐		☐				☐		
PT-FC-802 * Ground Coffee	200g	Ground 100% Arabica coffee	Water; Ash; pH; Total acidity; Total chlorogenic acid; Caffeine; Potassium; Phosphorus; Magnesium; Calcium; Copper	☐				☐				
PT-FC-811 Ketchup	200g	FC372: Ketchup FC378: Ketchup - reduced sugar and salt	Energy; Fat; Saturates; Carbohydrate; Total sugars; Protein; Salt; Dietary fibre; Soluble solids; pH; Total acidity; Citric acid; Formol number; Sodium; Bostwick Viscosity# NEW	☐			☐				☐	

Nutritional Information				Round and Month (FC)								
Sample	Quantity	Supplied As	Target Analytes	All Rounds	FEB 370	MAR 371	APR 372	JUN 374	JUL 375	AUG 376	OCT 378	NOV 379
PT-FC-812 Mayonnaise	150g	FC371: Vegan FC376: Low fat	Energy; Fat; Saturates; Total trans fatty acids; Carbohydrate; Total sugars; Protein; Salt; Sodium; pH; Cholesterol; Total acidity	☐								
PT-FC-813 * Mustard	150g	Prepared mustard	Energy; Fat; Saturates; Carbohydrate; Total sugars; Protein; Salt; Dietary fibre; pH; Total acidity; Erucic acid 22:1 n-9	☐								
PT-FC-814 * Canned fruit	2 x cans	FC371: Peach FC376: Pineapple	Drained weight; pH; Energy; Carbohydrate; Total sugars; Glucose; Fructose; Dietary fibre	☐								
PT-FC-815 Ground pepper	200g	FC371: Ground black pepper FC376: Ground white pepper	Moisture; Total ash; Crude fibre, insoluble index; Volatile oil; Piperine content; Acid insoluble ash; Non volatile ether extract; Water activity	☐								
PT-FC-816 * Dried pasta	100g	Ground pasta	Energy; Fat; Saturates; Carbohydrate; Total sugars; Protein; Ash; Moisture; Dietary fibre	☐								
PT-FC-817 * Jam and marmalade	200g	FC372: Strawberry FC378: Blackcurrant	Energy; Fat; Carbohydrate; Protein; Total sugars; Fructose; Glucose; Soluble solids; pH; Moisture; Ash; Total acidity; Brix	☐								
PT-FC-819 Table salt	15g & 300g	15g for As, Pb, Cd, Hg, Cu testing and 300g table salt for all the other parameters	Purity; Moisture; Sulfate; Iodine; Calcium; Magnesium; Total Arsenic; Lead; Cadmium; Mercury; Copper, Ferrocyanide	☐								
PT-FC-820 * Food products	100g	Biscuits	Lactose (low level)	☐								
PT-FC-822 Vinegar	100ml	Balsamic vinegar	Total acidity; Total ash; Density; Total dry extract; Volatile acidity; pH	☐								

Nutritional Information				Round and Month (FC)								
Sample	Quantity	Supplied As	Target Analytes	All Rounds	FEB 370	MAR 371	APR 372	JUN 374	JUL 375	AUG 376	OCT 378	NOV 379
PT-FC-823 * Infant formula (Amino Acid profile)	50g	Infant formula powder	Alanine (free); Arginine (free); Aspartic acid (free); Glutamic acid (free); Glycine (free); Histidine (free); Isoleucine (free); Leucine (free); Lysine (free); Phenylalanine (free); Proline (free); Serine (free); Threonine (free); Tyrosine (free); Valine (free); Cystein & Cystine (sum of); Methionine (free); Tryptophan (total); N-acetyl-L-methionine	☐	☐				☐			
PT-FC-824 * Instant coffee	200g	FC372: Instant coffee FC378: Decaffeinated	Moisture; Solubility in cold water at 16±2C°; Fat; Carbohydrate; Total glucose; Protein; Dietary fibre; Ash; pH; Total chlorogenic acids; Caffeine; Total xylose	☐			☐				☐	
PT-FC-826 * Chilli powder/ Sauce	20g	FC372: Chilli powder FC378: Chilli sauce	Capsaicin; Dihydrocapsaicin; Nordihydrocapsaicin; Heat unit	☐			☐				☐	
PT-FC-828 * Nut products	150g	Roasted and salted peanuts	Energy; Fat; Saturates; Carbohydrate; Total sugars; Protein; Salt; Sodium; Moisture	☐								☐
PT-FC-829 * Dried tea	100g	FC374: Green tea FC379: Black tea	Water extract; Total ash; Water soluble ash; Crude fibre; Moisture; Caffeine	☐				☐				☐
PT-FC-830 * Fruit/vegetable pureé	20g	Dried fruit/vegetable powder	Vitamin C (as ascorbic acid)	☐						☐		
PT-FC-832 Corn meal flour	100g	Corn meal flour	Fat; Protein; Dietary fibre; Ash; Moisture; Calcium	☐	☐							
PT-FC-834 * Potato crisps	100g	Blended potato crisps	Energy; Fat; Saturates; Monounsaturates; Moisture; Polyunsaturates; Total trans fatty acids; Carbohydrate; Total sugars; Protein; Dietary fibre; Salt; Sodium	☐							☐	
PT-FC-835 * Tortilla chips	100g	Blended tortilla chips	Energy; Fat; Saturates; Monounsaturates; Moisture; Polyunsaturates; Total trans fatty acids; Carbohydrate; Total sugars; Protein; Dietary fibre; Salt; Sodium	☐			☐					

Nutritional Information				Round and Month (FC)									
Sample	Quantity	Supplied As	Target Analytes	All Rounds	FEB 370	MAR 371	APR 372	JUN 374	JUL 375	AUG 376	OCT 378	NOV 379	
PT-FC-856 * Pickles	100g	Pickled cucumbers	pH; Total Acidity; Calcium Chloride; Salt	☐							☐		
PT-FC-858 * Relish	100g	Relish	pH; Brix; Total Acidity; Salt	☐	☐								
PT-FC-861 * Garlic powder	300g	Garlic powder	Moisture; Sulfur dioxide; Allicin; Ash (total); Acid insoluble ash; Bulk index; Bulk density (Untapped density); Tapped density; Volatile organic sulfur compounds content	☐		☐							
PT-FC-862 * Peanut butter	50g	Peanut butter	Fat; Salt; Moisture	☐	☐								
PT-FC-865 * Green coffee	25g	Green coffee	Moisture	☐	☐								
PT-FC-869 * Spices	50g	Spices	Water activity; Moisture	☐	☐								
PT-FC-876 * Sauce	50g	Ketchup or mayonnaise	Water activity	☐		☐							
PT-FC-877 * Plant-based meat	150g	Plant-based meat alternative	Energy; Fat; Saturates; Mono-unsaturates; Poly-unsaturates; Total trans fatty acids; Carbohydrate; Total sugars; Total dietary fibre; Protein; Salt; Dietary fibre	☐					☐				
PT-FC-889 * Curcuminoids in turmeric	20g	Powdered turmeric	Curcumin; Demethoxycurcumin; Total Curcuminoids	☐		☐							
PT-FC-891 * Polyols in food	50g	Food product	Xylitol; Isomalt; Sorbitol; Maltitol; Mannitol	☐	☐				☐				

Nutritional Information				Round and Month (FC)								
Sample	Quantity	Supplied As	Target Analytes	All Rounds	FEB 370	MAR 371	APR 372	JUN 374	JUL 375	AUG 376	OCT 378	NOV 379
PT-FC-892 * Quality of vanilla beans	50g	Vanilla bean powder	Moisture; Vanillin; Vanillic acid; p-hydroxybenzoic acid; p-hydroxybenzaldehyde	☐						☐		
PT-FC-893 * Water in flavouring powder	25g	Flavouring powder	Water by Karl Fischer	☐						☐		
PT-FC-900 ‡ pH in food	Minimum 100g	FC372: Canned soup FC378: Potato salad	pH	☐			☐				☐	
PT-FC-904 * Plant-based cheese	100g	Plant-based cheese	Total fat; Protein; Salt; Ash; Moisture; Water activity; pH	☐		☐						
PT-FC-907 * Oat based drink	150ml	Oat based drink	Total fat; Protein; Carbohydrate (total & available); Total sugars; Salt; Ash; Total solids; pH	☐		☐						☐
PT-FC-908 * Walnuts	150g	Walnuts	Total fat NEW ; Water activity; Peroxide value; Free fatty acids (acidity); Moisture	☐	☐							
PT-FC-909 * Powdered baby food	20g	Powdered baby food	Vitamin C (as ascorbic acid)	☐						☐		
PT-FC-913 * Medical nutrition product (FSMP)	100g	Medical nutrition weight gain product	Energy; Fat; Saturates; Carbohydrate (total & available); Total sugars; Protein; Nitrogen (total)	☐							☐	

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Pesticides				Round and Month (FC)								
Sample	Quantity	Supplied As	Target Analytes	All Rounds	FEB 370	MAR 371	APR 372	JUN 374	JUL 375	AUG 376	OCT 378	NOV 379
PT-FC-777. * Tea	2 x 50g (spiked & blank)	Dried green tea spiked & Dried green tea blank	Pesticides; Nicotine; Perchlorate; Chlorate	☐						☐		
PT-FC-836 Pome fruits	2 x 100g (spiked & blank)	Apples containing up to 20 quantifiable pesticides	Pesticides; Glyphosate#; AMPA#	☐						☐		
PT-FC-837 Citrus fruits	2 x 100g (spiked & blank)	Mandarins containing up to 20 quantifiable pesticides	Pesticides; Glyphosate#; AMPA#	☐		☐						
PT-FC-838 Fruiting vegetables	2 x 100g (spiked & blank)	Aubergine containing up to 20 quantifiable pesticides	Pesticides; Glyphosate#; AMPA#	☐				☐				
PT-FC-839 Root & tuber vegetables	2 x 100g (spiked & blank)	Sweet potato containing up to 20 quantifiable pesticides	Pesticides; Glyphosate#; AMPA#	☐								☐
PT-FC-840 * Pulses	2 x 50g (spiked & blank)	Beans containing up to 20 quantifiable pesticides	Pesticides; Glyphosate; AMPA	☐				☐				
PT-FC-841 * Cereals	2 x 50g (spiked & blank)	Oats containing up to 20 quantifiable pesticides	Pesticides; Glyphosate; AMPA	☐								☐
PT-FC-843 * Spices	2 x 50g (spiked & blank)	Allspice/pimento containing up to 20 quantifiable pesticides	Pesticides	☐		☐						
PT-FC-857 Ethylene oxide in food products	60g	Sesame paste	Ethylene oxide as a sum of ethylene oxide and 2-CE; Ethylene oxide; 2 chloroethanol	☐			☐					
PT-FC-868 ‡ Ethylene oxide in spices	20g	Spices	Ethylene oxide as a sum of ethylene oxide and 2-CE; Ethylene oxide#; 2 chloroethanol#	☐		☐						

Pesticides				Round and Month (FC)								
Sample	Quantity	Supplied As	Target Analytes	All Rounds	FEB 370	MAR 371	APR 372	JUN 374	JUL 375	AUG 376	OCT 378	NOV 379
PT-FC-880 * Herbs	2 x 50g (spiked & blank)	Basil	Pesticides	☐						☐		
PT-FC-905 * Ethylene oxide in cereals	20g	Blended cereal	Ethylene oxide (sum of ethylene oxide and 2-chloro-ethanol expressed as ethylene oxide); Ethylene oxide; 2 chloroethanol	☐	☐							
PT-FC-925 * Leafy vegetables NEW	2 x 100g (spiked & blank)	Lettuce containing up to 20 quantifiable pesticides	Pesticides	☐								☐
PT-FC-930 * Wheat NEW	2 x 50g (spiked & blank)	Material containing pesticides	This PT sample contains 65 pesticide residues selected from compounds actually detected in wheat across Europe, North America, and Asia over the past five years. A list of analytes is provided in Appendix J of the scheme description.	☐				☐				

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Contaminants				Round and Month (FC)								
Sample	Quantity	Supplied As	Target Analytes	All Rounds	FEB 370	MAR 371	APR 372	JUN 374	JUL 375	AUG 376	OCT 378	NOV 379
PT-FC-779 Nuts	50g	FC372: Brazil nuts FC378: Pistachios	Aflatoxins B ₁ ; B ₂ ; G ₁ ; G ₂ ; Total aflatoxins	☐			☐				☐	
PT-FC-787 Fresh vegetables	50g	Vegetable puree	Nitrate	☐		☐						
PT-FC-788 Potato crisps/chips	50g	Potato crisps/chips	Acrylamide	☐								☐

Contaminants				Round and Month (FC)									
Sample	Quantity	Supplied As	Target Analytes	All Rounds	FEB 370	MAR 371	APR 372	JUN 374	JUL 375	AUG 376	OCT 378	NOV 379	
PT-FC-794 * Mycotoxins in spices (spiked)	100g	Chilli powder/paprika	Aflatoxins B ₁ ; B ₂ ; G ₁ ; G ₂ ; Total aflatoxins; Ochratoxin A (spiked)	☐			☐						
PT-FC-798 * Infant vegetable food	100g	Infant vegetable puree	Nitrate	☐						☐			
PT-FC-803 * Palm oil	50g	Palm oil	Sudan IV; Sudan I; Sudan III	☐			☐						
PT-FC-804 ‡ Dried fruits	200g	Dried fruit slurry	Aflatoxins B ₁ ; B ₂ ; G ₁ ; G ₂ ; Total aflatoxins; Ochratoxin A	☐		☐							
PT-FC-805 Vegetable oil	50ml	Vegetable oil	Benzo[a]pyrene; Benz[a]anthracene; Benzo[b]fluoranthene; Chrysene; Sum of EU 4 PAHs	☐				☐					
PT-FC-831 * Opiates	15g	Poppy seeds	Morphine; Codeine	☐								☐	
PT-FC-845 * Mycotoxins in rice	100g	Ground rice	Aflatoxins B ₁ ; B ₂ ; G ₁ ; G ₂ ; Total aflatoxins; Ochratoxin A; Zearalenone	☐		☐							
PT-FC-867 * Mycotoxins in corn	100g	Ground corn (maize flour)	Aflatoxins B ₁ ; B ₂ ; G ₁ ; G ₂ ; Total aflatoxins; Ochratoxin A; Zearalenone	☐								☐	
PT-FC-881 * Acrylamide in coffee	50g	Instant or ground coffee	Acrylamide	☐		☐							
PT-FC-886. * Illegal dyes in spices	25g matrix + 25g blank	Spices (e.g. chilli or turmeric)	At least 5 dyes will be present every time. A list of 21 potential analytes is provided in Appendix D of the scheme description.	☐						☐			

Contaminants				Round and Month (FC)								
Sample	Quantity	Supplied As	Target Analytes	All Rounds	FEB 370	MAR 371	APR 372	JUN 374	JUL 375	AUG 376	OCT 378	NOV 379
PT-FC-890 Mycotoxins in spices (natural levels)	100g	Chilli powder/paprika	Aflatoxins B ₁ ; B ₂ ; G ₁ ; G ₂ ; Total aflatoxins; Ochratoxin A (natural levels)	☐		☐						
PT-FC-902 Fusarium mycotoxins in maize	125g	Maize flour	Fumonisin B ₁ ; Fumonisin B ₂ ; T-2; HT-2; Total Fumonisin	☐								☐
PT-FC-903 * Fusarium mycotoxins in maize oil	50ml	Maize oil	Deoxynivalenol (DON); Zearalenone (ZON)	☐							☐	
PT-FC-910 * PFAS in egg powder	30g	Egg powder	Individual PFAS; Sum of 4 PFAS (PFOS, PFNA, PFOA, PFHxS); Sum of all PFAS At least 10 PFAS will be present every time, for details on the list of PFAS please refer to the QFCS Scheme Description	☐					☐			
PT-FC-911 * Mineral oil Aromatic Hydrocarbons in tomato based cooking sauce	50g	Tomato based cooking sauce	Total MOAH; MOAH ≥n-C10 to ≤n-C16; MOAH >n-C16 to ≤n-C25; MOAH >n-C25 to ≤n-C35; MOAH >n-C35 to ≤n-C50	☐		☐						
PT-FC-916 * Powdered infant formula	25g	Powdered infant formula	Aflatoxin M ₁	☐			☐				☐	
PT-FC-922 * Fruit granola	100g	Powdered fruit granola	Aflatoxins B ₁ , B ₂ , G ₁ , G ₂ ; Total aflatoxins; Ochratoxin A; Deoxynivalenol (DON); Zearalenone (ZON); Fumonisin B ₁ ; Fumonisin B ₂ ; Fumonisin B ₁ + Fumonisin B ₂ sum; T-2; HT-2; HT-2 toxin and T-2 toxin, sum	☐			☐					
PT-FC-923 * Infant formula	2 x 15g	Infant formula powder	Cereulide (quantitative); Detected/Not Detected (qualitative)	☐		☐				☐		
PT-FC-924 * Polyunsaturated oil	2 x 15g	Polyunsaturated oil	Cereulide (quantitative); Detected/Not Detected (qualitative)	☐			☐				☐	

Contaminants				Round and Month (FC)								
Sample	Quantity	Supplied As	Target Analytes	All Rounds	FEB 370	MAR 371	APR 372	JUN 374	JUL 375	AUG 376	OCT 378	NOV 379
PT-FC-927 * Mineral oil Aromatic Hydrocarbons in spices NEW	100g	Spices	Total MOAH; MOAH $\geq$ n-C10 to $\leq$ n-C16; MOAH $>$ n-C16 to $\leq$ n-C25; MOAH $>$ n-C25 to $\leq$ n-C35	☐					☐			

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Allergens				Round and Month (FC)								
Sample	Quantity	Supplied As	Target Analytes	All Rounds	FEB 370	MAR 371	APR 372	JUN 374	JUL 375	AUG 376	OCT 378	NOV 379
PT-FC-781 Low in gluten Flour	25g	Flour (low level)	Gluten	☐	☐				☐			
PT-FC-799. * Egg white in cake mix	2 x 20g	Cake mix powder	Egg white protein; Presence/absence of egg white	☐				☐				
PT-FC-808. Almond in rice flour	2 x 20g	Rice flour	Almond; Presence/absence of almond	☐						☐		
PT-FC-809. * Soy in rice flour	2 x 20g	Rice flour	Soy; Presence/absence of soy	☐	☐							
PT-FC-810. * β - lactoglobulin	2 x 20g	Infant formula powder FC372: Hydrolysed FC378: Non- hydrolysed	β -lactoglobulin; Presence/absence of β -lactoglobulin	☐			☐				☐	
PT-FC-851 Low in gluten pasta sauce	25g	Pasta sauce (low level)	Gluten	☐				☐				

Allergens				Round and Month (FC)								
Sample	Quantity	Supplied As	Target Analytes	All Rounds	FEB 370	MAR 371	APR 372	JUN 374	JUL 375	AUG 376	OCT 378	NOV 379
PT-FC-852. Gluten and egg white in processed meat	2 x 20g	Processed meat	Gluten; Egg white protein; Presence/absence of gluten; Presence/absence of egg white protein	☐					☐			
PT-FC-853. Gluten, soya and milk protein in almond milk	2 x 25g	Almond milk	Soy; Milk protein#; Presence/absence of soy protein; Presence/absence of milk protein#; Presence/absence of gluten#	☐				☐				☐
PT-FC-854 Gluten, egg white and milk protein in biscuits	20g	Biscuit	Gluten; Egg white protein; Presence/absence of gluten; Presence/absence of egg white protein; Presence/absence of milk protein	☐					☐			
PT-FC-855. Gluten on surfaces	-	2 x Surfaces to swab	Presence/absence of Gluten	☐				☐				☐
PT-FC-882 ‡ Peanut, sesame and soya on surfaces	-	2 x Surfaces to swab	Presence/absence of Peanut protein; Presence/absence of Sesame protein; Presence/absence of Soya protein	☐	☐							
PT-FC-896 * Gluten in cake mix	25g	Cake mix	Gluten (quantitative)	☐			☐					
PT-FC-897 Peanut in powdered soup	2 x 25g	Powdered soup	Peanut (quantitative); Presence/absence of peanut protein	☐					☐			
PT-FC-898 * Milk in infant breakfast cereals	2 x 25g	Infant breakfast cereals	Milk (quantitative); Presence/absence of milk	☐								☐
PT-FC-899. * Multi allergens and lactose in soy based formula	2 x 25g	Soy based infant formula powder	Gluten; Milk protein; Casein; β-lactoglobulin; Lactose; Presence/absence of gluten; Presence/absence of milk protein	☐				☐				☐
PT-FC-917 * Peanut and mustard in garlic powder	2 x 25g	Garlic powder	Peanut; Mustard; Gluten NEW ; Presence/absence of peanut protein; Presence/absence of mustard protein	☐							☐	

Allergens				Round and Month (FC)								
Sample	Quantity	Supplied As	Target Analytes	All Rounds	FEB 370	MAR 371	APR 372	JUN 374	JUL 375	AUG 376	OCT 378	NOV 379
PT-FC-918 * Egg, celery and gluten in vegetable baby food	2 x 25g	Vegetable baby food	Egg white protein; Gluten; Celery; Presence/absence of egg white protein; Presence/absence of celery protein; Presence/absence of gluten	☐	☐				☐			
PT-FC-919 * Gluten and soy in rinse water	2 x 25g	Rinse water	Soy (quantitative); Gluten (quantitative); Presence/absence of soy protein; Presence/absence of gluten	☐				☐				☐
PT-FC-920 * Gluten and soy in dairy yoghurt	2 x 25g	Dairy yoghurt	Soy (quantitative); Gluten (quantitative); Presence/absence of soy protein; Presence/absence of gluten	☐		☐				☐		
PT-FC-928 * Soy, milk and egg on surfaces NEW	-	2 x Surfaces to swab	Soy protein; Milk protein; Egg white protein	☐					☐			

*Please note that these samples are not currently within the scope of LGC's UKAS accreditation

#Please note that these analytes are not currently within the scope of LGC's UKAS accreditation

‡Please note that these samples are accredited within the boundaries of LGC's flexible scope of UKAS accreditation

Foreign bodies				Round and Month (FC)								
Sample	Quantity	Supplied As	Target Analytes	All Rounds	FEB 370	MAR 371	APR 372	JUN 374	JUL 375	AUG 376	OCT 378	NOV 379
PT-FC-818 * Foreign bodies in food products	-	2 x samples (both potentially contaminated)	Presence/absence; Identification of foreign body	☐					☐			
PT-FC-926 * Paprika NEW	2 x 100g	Paprika	Filth units; Presence/absence - General insect fragments; mammalian hair; Quantification/count - General insect fragments; mammalian hair	☐				☐				

*Please note that these samples are not currently within the scope of LGC's UKAS accreditation

Elements				Round and Month (FC)									
Sample	Quantity	Supplied As	Target Analytes	All Rounds	FEB 370	MAR 371	APR 372	JUN 374	JUL 375	AUG 376	OCT 378	NOV 379	
PT-FC-780 Dried tea	50g	Dried green tea	Total Arsenic; Cadmium; Mercury; Lead; Selenium; Nickel#	☐							☐		
PT-FC-784 * Cereal grain	50g	Cereal grain	Total Arsenic; Cadmium; Lead; Mercury; Nickel	☐					☐				
PT-FC-785 * Edible oil	50g	Vegetable oil	Total Arsenic; Cadmium; Lead; Mercury	☐	☐								
PT-FC-786 * Dried fruit	50g	Dried fruit powder	Total Arsenic; Cadmium; Lead; Mercury	☐								☐	
PT-FC-789 Rice	10g	Rice	Total Arsenic; Total Inorganic Arsenic#; Arsenic III#; Arsenic V#; Cadmium; Lead#	☐				☐					
PT-FC-827 * Infant fruit/vegetable purée	20g	Infant fruit/vegetable purée	Total Arsenic; Inorganic arsenic; Cadmium; Lead	☐						☐			
PT-FC-866 Ground pepper	10g	Ground pepper	Total Arsenic; Cadmium; Lead; Mercury	☐						☐			
PT-FC-871 * Herbs	10g	Herbs	Total Arsenic; Cadmium; Lead; Mercury	☐			☐						

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Oil and Fat Quality				Round and Month (FC)								
Sample	Quantity	Supplied As	Target Analytes	All Rounds	FEB 370	MAR 371	APR 372	JUN 374	JUL 375	AUG 376	OCT 378	NOV 379
PT-FC-778CO Coconut oil	150g	Coconut oil	Water; Free fatty acids; Saponification value; Unsaponifiable matter; Anisidine value; Colour; Iodine value; Peroxide value; Fatty acid composition (For details on the fatty acid composition, please refer to the QFCS Scheme Description)	☐			☐					
PT-FC-778MO * Maize oil NEW	150g	Maize oil	Water; Free fatty acids; Saponification value; Unsaponifiable matter; Anisidine value; Colour; Iodine value; Peroxide value; α-tocopherol; α-tocotrienol; β-tocopherol; β-tocotrienol; γ-tocopherol; γ-tocotrienol; δ-tocopherol; δ-tocotrienol; Total tocols; Mean vitamin E activity; Fatty acid composition (For details on the fatty acid composition, please refer to the QFCS Scheme Description)	☐								☐
PT-FC-778RO * Rapeseed oil	150g	Rapeseed oil	Water; Free fatty acids; Saponification value; Unsaponifiable matter; Anisidine value; Colour; Iodine value; Peroxide value; Fatty acid composition (For details on the fatty acid composition, please refer to the QFCS Scheme Description)	☐							☐	
PT-FC-778SBO Soybean oil	150g	Soybean oil	Water; Free fatty acids; Saponification value; Unsaponifiable matter; Anisidine value; Colour; Iodine value; Peroxide value; Fatty acid composition (For details on the fatty acid composition, please refer to the QFCS Scheme Description)	☐	☐							
PT-FC-778SO Sunflower oil	150g	Sunflower oil	Water; Free fatty acids; Saponification value; Unsaponifiable matter; Anisidine value; Colour; Iodine value; Peroxide value; Fatty acid composition (For details on the fatty acid composition, please refer to the QFCS Scheme Description)	☐					☐			
PT-FC-782 Mixed fat spread	100g	FC374: Full fat spread FC379: Reduced fat spread	Total Fat; Saturates; Mono-unsaturates; Poly-unsaturates; Total trans fatty acids; Omega 3; Omega 6; Salt; Water; pH; Vitamin A; Vitamin D	☐				☐				☐
PT-FC-790. Extra virgin olive oil	200ml & 50ml	Extra virgin olive oil	Peroxide value; Free fatty acids (Acidity); K232; K270; Wax content; 3,5 Stigmastadienes; Ethyl esters; Total Sterols; Δ-7-stigmastenol; Insoluble Impurities; Moisture and Volatile Matter at 103°C; Total Polyphenols; Fatty Acid Composition (For details on the fatty acid composition, please refer to the QFCS Scheme Description)	☐		☐				☐		

Oil and Fat Quality				Round and Month (FC)								
Sample	Quantity	Supplied As	Target Analytes	All Rounds	FEB 370	MAR 371	APR 372	JUN 374	JUL 375	AUG 376	OCT 378	NOV 379
PT-FC-791 Olive oil	2 x 200ml	FC374: Olive oil FC379: Olive pomace oil	Free fatty acids (Acidity); K270; ΔK; Wax content; β-sitosterol (apparent); Campesterol; Erythrodilol & Uvaol; ΔECN 42; Accelerated Oxidation test (Rancimat) at 120°C; 2-glycerol monopalmitate; Fatty Acid composition (For details on the fatty acid composition, please refer to the QFCS Scheme Description)	☐				☐				☐
PT-FC-796 Frying oil	150g	Used frying oil	Total polar compounds; Free fatty acids (Acidity); Accelerated oxidation test (Rancimat) at 120°C	☐	☐				☐			
PT-FC-914 * Ghee fat	50g	Ghee fat	Peroxide value; Melting point	☐					☐			
PT-FC-915 * Beef fat	50g	Beef fat	Peroxide value; Free fatty acids; Vitamin E (α-tocopherol)	☐							☐	
PT-FC-921 * Infant formula	50g	Infant formula powder	Total Fat; Saturated Fatty Acids; Monounsaturated Fatty Acids; Polyunsaturated Fatty Acids; Total trans Fatty Acids (sum of all); Omega-3 fatty acids (sum); Omega-6 fatty acids (sum); Omega-9 fatty acids (sum); Fatty acid composition (For details on the fatty acid composition, please refer to the QFCS Scheme Description)	☐			☐				☐	

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Authenticity/Quality				Round and Month (FC)								
Sample	Quantity	Supplied As	Target Analytes	All Rounds	FEB 370	MAR 371	APR 372	JUN 374	JUL 375	AUG 376	OCT 378	NOV 379
PT-FC-825. * Herbs & Spices	15g	FC374: Paprika FC379: Oregano	Confirmation of authenticity; Additional questions (see Scheme Description)	☐				☐				☐
PT-FC-848. * Vegan food	2 x 10g	Vegan food	Presence or absence of animal DNA	☐				☐				
PT-FC-850 ‡ Vanillin in vanilla extract	3 x 20ml	Vanilla extract	Vanillin; Ethyl alcohol; Density; Refractive index at 20°C	☐		☐						

Authenticity/Quality				Round and Month (FC)								
Sample	Quantity	Supplied As	Target Analytes	All Rounds	FEB 370	MAR 371	APR 372	JUN 374	JUL 375	AUG 376	OCT 378	NOV 379
PT-FC-870 * Spices	300g	Paprika	Bulk index; Bulk density (Untapped density); Colour strength; Water activity; Tapped density	☐	☐							
PT-FC-879 * Herbs	300g	Herbs	Moisture; Acid Insoluble Ash; Ash; Volatile Oil; Water activity	☐			☐				☐	
PT-FC-883 * Soya sauce	100ml	Soya sauce	pH; Total titratable acidity; Total sugars; Sorbic acid (E200); Salt; Sodium; Magnesium; Potassium; Calcium	☐			☐					
PT-FC-894 * Quality of Aroma baking ingredients	50ml	Liquid Vanilla aroma (sugar based)	Water activity; Density; Vanillin; Brix	☐			☐					
PT-FC-895 * Quality of spice mix	100g	Spice mix	Salt; Volatile oil; Piperine content	☐							☐	
PT-FC-901. * Net content of prepacked product	-	2 prepacked products for net content	Net content	☐				☐				

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‡Please note that these samples are accredited within the boundaries of LGC's flexible scope of UKAS accreditation

Food Labelling				Round and Month (FC)								
Sample	Quantity	Supplied As	Target Analytes	All Rounds	FEB 370	MAR 371	APR 372	JUN 374	JUL 375	AUG 376	OCT 378	NOV 379
PT-FC-846-VIRTUAL * Food labelling and nutritional values	-	Virtual exercise	Assessment to Regulation (EU) 1169/2011 as amended and the retained law in the UK	☐						☐		

*Please note that these samples are not currently within the scope of LGC's UKAS accreditation

Food Contact				Round and Month (FC)								
Sample	Quantity	Supplied As	Target Analytes	All Rounds	FEB 370	MAR 371	APR 372	JUN 374	JUL 375	AUG 376	OCT 378	NOV 379
PT-FC-872 * Bisphenols in 3% aqueous acetic acid	50ml	Simulant	Bisphenol A; Bisphenol S	☐	☐							
PT-FC-874 * Lead and Cadmium in 4% aqueous acetic acid	50ml	Simulant	Lead; Cadmium	☐					☐			
PT-FC-875 * Phthalates in vegetable/ seed oil	20ml	Simulant	DEHP; BBP; DBP	☐								☐

*Please note that these samples are not currently within the scope of LGC's UKAS accreditation

Genetically modified organisms (GMO)				Round and Month (FC)								
Sample	Quantity	Supplied As	Target Analytes	All Rounds	FEB 370	MAR 371	APR 372	JUN 374	JUL 375	AUG 376	OCT 378	NOV 379
PT-FC-878 Genetically modified organisms (GMO) in cereals and/or grains	5g	Cereals and/or grains	Qualitative identification of the GM Events; Quantification of GM events detected#	☐				☐				

#Please note that these analytes are not currently within the scope of LGC's UKAS accreditation

Please note that all accredited samples are accredited within the boundaries of LGC's fixed and flexible scope of UKAS accreditation. For further details and the full technical specification of the scheme, please refer to the [Scheme Description](#)

To access our General Protocol, covering our scheme organisation and operation, test materials, reporting of results, data analysis/performance assessment and information provided to participants, please click on the following link: [GENERAL PROTOCOL – PT Schemes](#)

YOUR DETAILS

Returning customers, if you would like to keep your contact/address details as per previous year, please tick here:

☐

If changes are required or you are a new customer, please complete your details below:

Send Test Materials to:	Send Invoices to:
Contact name:	Contact name:
Department:	Department:
Company:	Company:
Address:	Address:
Town/City:	Town/City:
County:	County:
Post/Zip Code:	Post/Zip Code:
Country:	Country:
Tel:	Tel:
E-mail:	E-mail:
	VAT no:

Existing customers

If you would like to change your marketing preferences, please visit our [preference centre](#) or contact axiopt@lgcgroup.com

New customers

LGC would like to contact you by email, phone or post about its products, services and related areas or research. LGC does not sell contact details to external parties. You may unsubscribe at any time.

- ☐ Yes, I am happy to be contacted about LGC's products, services and research
- ☐ No, I do not require marketing information about LGC's products and services at this time

By submitting this application form, you are agreeing to comply by LGC's Standard Terms and Conditions for the Supply of Laboratory Quality Products and Services and are agreeing that you have read and agree to the 'General Notes' at the end of this document.

Name

Date

REPEAT/ADDITIONAL SAMPLES PRICES

Repeat and duplicate samples will be charged at 50% of the main sample cost. Sample FC-846 is not suitable for duplicate sample, but discounts will be offered for multiple participations. Please contact LGC for a quotation.

CARRIAGE CHARGES

Participants will pay an additional fee to cover courier charges. Please contact LGC AXIO Proficiency Testing for up-to-date charges.

CHANGES AND OTHER SCHEMES/SAMPLES OF INTEREST

CHANGES

We have introduced a number of new samples as follows:

- Sample PT-FC-778MO (Edible Oil & Fat analysis). This will be available in round FC379 (November 2027)
- Sample PT-FC-925 (Pesticides in leafy vegetables). This will be available in round FC379 (November 2027).
- Sample PT-FC-926 (Light filth in paprika). This will be available in round FC374 (June 2027).
- Sample PT-FC-927 (Mineral oil Aromatic Hydrocarbons (MOAH) in spices). This will be available in round FC375 (July 2027).
- Sample PT-FC-928 (Soy, milk and egg on surfaces (allergen testing)). This will be available in round FC375 (July 2027).
- Sample PT-FC-929 (Steviol glycosides in food). This will be available in round FC375 (July 2027).
- Sample PT-FC-930 (Pesticides in wheat (target compounds)). This will be available in round FC374 (June 2027).

Sample PT-FC-788 has now been updated to cover potato crisps/chips. This sample was previously for the analysis of snacks, but the matrix going forward will always be potato crisps/chips

Sample PT-FC-815 has now been updated to cover ground pepper. This sample was previously for the analysis of spices, but the matrix going forward will always be ground pepper

Sample PT-FC-832 has now been updated to cover corn meal flour. This sample was previously for the analysis of non-wheat flour, but the matrix going forward will always be corn meal flour

Sample PT-FC-897 has now been updated to cover powdered soup. This sample was previously for the analysis of a food product, but the matrix going forward will always be powdered sou

We have added a number of new analytes as follows:

- Bostwick Viscosity added to PT-FC-811 (Nutritional analysis of ketchup)
- Total fat added to PT-FC-908 (Quality parameters of walnuts)
- Gluten added to PT-FC-917 (Peanut, mustard and gluten in garlic powder (allergen testing))

We have changed the frequency of the following samples:

- PT-FC-855 (Gluten on surfaces (allergen testing)) has been increased from 1 round to 2 rounds
- PT-FC-919 (Gluten and soya in rinse water (allergen testing)) has been increased from 1 round to 2 rounds

The following samples have been moved to the Pharmaceutical and Dietary Supplements (PHARMASSURE):

- PT-FC-806 (Essential composition and fatty acids breakdown of fish oil supplement)
- PT-FC-849 (Cannabidiol (CBD) in gummies)

Due to low participation numbers, we have removed the below samples:

- PT-FC-821 (Nutritional analysis of dehydrated food products)
- PT-FC-884 (Quality parameters of dried fruit e.g. dried dates)

We have added PT-FC-804 for Mycotoxins in dried fruits, PT-FC-850 for Vanillin in vanilla extract, PT-FC-882 for Peanut, sesame and soya on surfaces (allergen testing) and PT-FC-900 for pH only in food products as accredited under LGC's flexible scope of UKAS accreditation.

We have added PT-FC-819 for Chemical analysis of table salt, PT-FC-857 for Ethylene oxide in sesame, PT-FC-866 for Elements in ground pepper, PT-FC-897 for Peanut in powdered soup and analyte Ethylene oxide (sum of ethylene oxide and 2-chloro-ethanol expressed as ethylene oxide) in PT-FC-868 (Ethylene oxide in spices) as accredited under LGC's fixed scope of UKAS accreditation.

OTHER SCHEMES/SAMPLES OF INTEREST

We have a number of other Food and Feed schemes available which may be of interest to you. Further details can be found on our [Food and Feed schemes web page](#).

We also have a number of Dietary supplements samples available in our Pharmassure scheme. Further information can be found on our [Pharmassure scheme web page](#).

GENERAL NOTES

Please note:

- All prices stated are exclusive of VAT and carriage charges.
- VAT (charged at the prevailing rate) is payable by all participants based in the UK.
- Participants will pay an additional fee to cover courier charges. Please contact LGC AXIO Proficiency Testing for up-to-date charges where not specified previously in the application form).
- All courier charges set by LGC AXIO Proficiency Testing do not include local import charges, taxes (etc.), which will be covered by the participant.
- Do not send remittance with this form, you will be invoiced subsequently after the despatch of each round.
- No refunds will be given for failure to take part in any round of the PT scheme.
- LGC AXIO Proficiency Testing reserves the right to not send samples or the report for previous samples to any participant that has not paid their subscriptions within the terms stated on the invoice.
- LGC AXIO Proficiency Testing cannot guarantee the number of participants that will return results for any particular parameter in each round.
- The prices stated are for reporting results and receiving reports electronically via PORTAL (internet reporting).
- Surplus PT samples (Quality Control Material) are available; please contact LGC AXIO Proficiency Testing for further information.
- By submitting this application form, you are agreeing to comply by [LGC's Standard Terms and Conditions for the Supply of Laboratory Quality Products and Services](#).

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