

The 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 as per your previous year's order, 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	FC334	19 Feb 2024	25 Mar 2024	770, 772, 774, 776, 778, 781, 782, 783, 811, 821, 822, 824, 826, 829, 832, 836, 850, 876, 877, 879, 892, 893, 894, 900
APR	FC336	29 Apr 2024	03 Jun 2024	760, 761, 762, 763, 774, 775, 779, 787, 790, 792, 793, 794, 796, 797, 798, 803, 804, 808, 814, 820, 823, 828, 833, 837, 841, 851, 863, 871, 872, 881, 883, 891, 896, 897
JUN	FC338	24 Jun 2024	29 Jul 2024	770, 771, 772, 774, 778, 780, 784, 789, 791, 795, 801, 802, 805, 806, 809, 812, 815, 817, 818, 819, 825, 831, 832, 834, 838, 845, 848, 849, 856, 860, 861, 865, 866, 869, 870, 874, 887, 888, 895, 900, 901
AUG	FC340	19 Aug 2024	23 Sep 2024	760, 761, 762, 763, 774, 777, 781, 782, 783, 785, 811, 821, 822, 824, 826, 829, 839, 850, 853, 857, 862, 868, 880
OCT	FC342	21 Oct 2024	25 Nov 2024	770, 772, 774, 775, 776, 778, 779, 788, 790, 793, 796, 799, 801, 810, 813, 814, 816, 820, 827, 830, 835, 840, 846, 847, 852, 855, 858, 860, 864, 867, 873, 875, 878, 882, 885, 886, 887, 888, 889, 890, 898
DEC	FC344	02 Dec 2024	06 Jan 2025	770, 771, 772, 774, 778, 786, 791, 812, 815, 817, 819, 825, 832, 843, 854, 859, 884, 899

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 and PT-FC-867 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** 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	FEB 334	APR 336	JUN 338	AUG 340	OCT 342	DEC 344
PT-FC-760 – Preservatives	100ml	Liquid test material	Sorbic Acid; Benzoic Acid; Sulfur Dioxide	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		
PT-FC-761 – Sweeteners	100ml	Liquid test material	Acesulfame K; Aspartame; Saccharin; Sucralose	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		
PT-FC-762 – Food colours	100ml	Liquid test material	Ponceau 4R; Carmoisine; Sunset Yellow; Indigo Carmine	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		
PT-FC-763 – Food colours	100ml	Liquid test material	Allura Red; Tartrazine; Quinoline Yellow; Brilliant Blue	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		
PT-FC-797 * – Preservatives	200g	Dried fruit slurry	Sulfur dioxide	<input type="checkbox"/>		<input type="checkbox"/>				
PT-FC-863 * – Organic acids (additives)	100g	Confectionary and bakery products	Propionic acid (E280); Sorbic acid (E200); Benzoic acid (E210); Citric acid (E330); Tartaric acid (E334); Acetic acid (E260); Malic acid (E296); Butyric acid	<input type="checkbox"/>		<input type="checkbox"/>				
PT-FC-885 * – Titanium dioxide in food	20g	Food products	Titanium dioxide	<input type="checkbox"/>					<input type="checkbox"/>	

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

Nutritional Information				Round and Month (FC)						
Sample	Quantity	Supplied As	Target Analytes	ALL	FEB 334	APR 336	JUN 338	AUG 340	OCT 342	DEC 344
PT-FC-770 - Cereal based food matrix	100g	FC334: Crackers FC338: Breakfast cereal FC342: Biscuits FC344: Breakfast cereal	Energy; Fat; Carbohydrate; Total Sugars; Total Dietary Fibre; Protein; Salt; Sodium; Ash; Moisture; Phosphate; Magnesium; Potassium; Zinc	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
PT-FC-771 - Cereal based food matrix	200g	FC338: Infant cereal product FC344: Fortified cereal product	Vitamin A; B1 (Thiamine); B2 (Riboflavin); B3 (Niacin); B5 (Pantothenic Acid); B6; B9 (Folic acid); B12; C; D; Iron	<input type="checkbox"/>			<input type="checkbox"/>			<input type="checkbox"/>
PT-FC-772 - Pre-prepared food	200g	FC334: Pasta based meal FC338: Vegetable based meal FC342: Rice based meal FC344: Potato based meal	Energy; Fat; Saturates; Mono-unsaturates; Poly-unsaturates; Total trans fatty acids; Carbohydrate; Total Sugars; Dietary Fibre; Protein; Salt; Sodium; Ash; Moisture; Phosphate; Cholesterol	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
PT-FC-774 - Food products	50g	FC334: Cured meat FC336: Jam FC338: Biscuits FC340: Dates FC342: Cured meat FC344: Hard cheese	Water activity	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Nutritional Information				Round and Month (FC)						
Sample	Quantity	Supplied As	Target Analytes	ALL	FEB 334	APR 336	JUN 338	AUG 340	OCT 342	DEC 344
PT-FC-775 – Wheat flour	100g	FC336: Wholemeal flour FC342: White bread flour	Fat; Protein; Total dietary fibre; Ash; Moisture; Calcium; Iron	<input type="checkbox"/>		<input type="checkbox"/>			<input type="checkbox"/>	
PT-FC-776 – Bread	100g	FC334: Brown bread FC342: Sourdough	Fat; Protein; Total Dietary Fibre; Acidity; Ash; Moisture; Sodium; Chloride; Calcium; Iron; Vitamins B1; B2; B3; pH	<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	
PT-FC-783 – Tomato paste/ purée	150g	FC334: Tomato Purée FC340: Tomato Paste	pH; Brix; Total acidity; Total solids; Ash; Salt; Bostwick Viscosity#	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>		
PT-FC-793 – Cake	100g	FC336: Chocolate cake FC342: Sponge cake	Energy; Fat; Total Sugars; Total Dietary Fibre, Protein; Acidity; Ash; Moisture; Sodium; Chloride; Calcium; Salt	<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	
PT-FC-801 – Honey	200g	FC338: Honeydew honey FC342: Citrus honey	Moisture; Electrical conductivity; Ash; pH; Free acidity; Hydroxymethylfurfural (HMF); Diastase enzymatic activity (Diastase number); Fructose; Glucose; Sucrose; Water insoluble solids; Apparent reducing sugars	<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>	
PT-FC-802* – Ground Coffee	200g	Ground 100% Arabica coffee	Water; Ash; pH; Total acidity; Total chlorogenic acid; Caffeine; Potassium; Phosphorus; Magnesium; Calcium; Copper	<input type="checkbox"/>			<input type="checkbox"/>			
PT-FC-811 – Ketchup	200g	FC334: Ketchup FC340: Ketchup – reduced sugars and salts	Energy; Fat; Saturates; Carbohydrate; Total sugars; Protein; Salt; Total dietary fibre; Soluble solids; pH; Total acidity; Citric acid; Formol number	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>		

Nutritional Information				Round and Month (FC)						
Sample	Quantity	Supplied As	Target Analytes	ALL	FEB 334	APR 336	JUN 338	AUG 340	OCT 342	DEC 344
PT-FC-812 - Mayonnaise	150g	FC338: Full fat FC344: Low or reduced fat	Energy; Fat; Saturates; Total trans fatty acids; Carbohydrate; Total sugars; Protein; Salt; Sodium; pH; Cholesterol; Total acidity	<input type="checkbox"/>						
PT-FC-813 * - Mustard	150g	Prepared mustard	Energy; Fat; Saturates; Carbohydrate; Total sugars; Protein; Salt; Total dietary fibre; pH; Total acidity; Erucic acid 22:1 n-9	<input type="checkbox"/>						
PT-FC-814 * - Canned fruit	2 x cans	FC336: Pears FC342: Peaches	Drained weight; pH; Energy; Carbohydrate; Total sugars; Glucose; Fructose; Total dietary fibre	<input type="checkbox"/>						
PT-FC-815 * - Spices	200g	FC338: Ground black pepper FC344: Ground white pepper	Moisture; Total ash; Crude fibre, insoluble index; Volatile oil; Piperine content; Acid insoluble ash; Non volatile ether extract; Water activity	<input type="checkbox"/>						
PT-FC-816 * - Dried pasta	100g	Ground pasta	Energy; Fat; Saturates; Carbohydrate; Total sugars; Protein; Ash; Moisture; Total dietary fibre	<input type="checkbox"/>						
PT-FC-817 * - Jam and marmalade	200g	FC338: Apricot jam FC344: Raspberry jam	Energy; Fat; Carbohydrate; Protein; Total sugars; Fructose; Glucose; Soluble solids; pH; Moisture; Ash; Total acidity; Brix	<input type="checkbox"/>						
PT-FC-819 * - Table salt	300g	Table salt	Purity; Moisture; Sulfate; Iodine; Calcium; Magnesium; Total Arsenic; Lead; Cadmium; Mercury; Copper, Ferrocyanide	<input type="checkbox"/>						
PT-FC-820 * - Food products	100g	Biscuits	Lactose (low level)	<input type="checkbox"/>						
PT-FC-821 * - Dehydrated food product	150g	FC334: Instant noodles FC340: Instant soup	Energy; Fat; Saturates; Total trans fatty acids; Carbohydrate; Total sugars; Protein; Salt; Sodium; Cholesterol	<input type="checkbox"/>						

Nutritional Information				Round and Month (FC)						
Sample	Quantity	Supplied As	Target Analytes	ALL	FEB 334	APR 336	JUN 338	AUG 340	OCT 342	DEC 344
PT-FC-822 * - Vinegar	100ml	FC334: Apple cider vinegar FC340: Rice vinegar	Total acidity; Total ash; Density; Total dry extract; Volatile acidity; pH	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>		
PT-FC-823 * - Infant formula powder (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)	<input type="checkbox"/>		<input type="checkbox"/>				
PT-FC-824 * - Instant coffee	200g	FC334: Instant coffee FC340: Decaffeinated	Moisture; Solubility in cold water at 16±2C°; Fat; Carbohydrate; Total glucose; Protein; Total dietary fibre; Ash; pH; Total chlorogenic acids; Caffeine; Total xylose	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>		
PT-FC-826 * - Chilli powder/ Sauce	20g	FC334: Chilli powder FC340: Chilli sauce	Capsaicin; Dihydrocapsaicin; Nordihydrocapsaicin; Heat unit	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>		
PT-FC-828 * - Nut products	150g	Roasted and salted peanuts	Energy; Fat; Saturates; Carbohydrate; Total sugars; Protein; Salt; Sodium; Moisture	<input type="checkbox"/>		<input type="checkbox"/>				
PT-FC-829 * - Dried tea	100g	FC334: Black tea FC340: Green tea	Water extract; Total ash; Water soluble ash; Crude fibre; Moisture; Caffeine	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>		
PT-FC-830 * - Fruit/ vegetable pureé	20g	Dried fruit/ vegetable powder	Vitamin C (as ascorbic acid)	<input type="checkbox"/>					<input type="checkbox"/>	

Nutritional Information				Round and Month (FC)						
Sample	Quantity	Supplied As	Target Analytes	ALL	FEB 334	APR 336	JUN 338	AUG 340	OCT 342	DEC 344
PT-FC-832 – Non-wheat flour	100g	FC334: Rice flour FC338: Potato flour FC344: Chickpea flour	Fat; Protein; Total dietary fibre; Ash; Moisture; Calcium	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>			<input type="checkbox"/>
PT-FC-833 * – Baby food purée	150g	Baby food purée	Energy; Fat; Saturates; Carbohydrate; Total sugars; Protein; Total dietary fibre; Salt; Sodium	<input type="checkbox"/>		<input type="checkbox"/>				
PT-FC-834 * – Potato crisps	100g	Blended potato crisps	Energy; Fat; Saturates; Monounsaturates; Moisture; Polyunsaturates; Total trans fatty acids; Carbohydrate; Total sugars; Protein; Total dietary fibre; Salt; Sodium	<input type="checkbox"/>			<input type="checkbox"/>			
PT-FC-835 * – Tortilla chips	100g	Blended tortilla chips	Energy; Fat; Saturates; Monounsaturates; Moisture; Polyunsaturates; Total trans fatty acids; Carbohydrate; Total sugars; Protein; Total dietary fibre; Salt; Sodium	<input type="checkbox"/>					<input type="checkbox"/>	
PT-FC-856 * – Pickles	100g	Pickled cucumbers	pH; Total Acidity; Calcium Chloride; Salt	<input type="checkbox"/>			<input type="checkbox"/>			
PT-FC-858 * – Relish	100g	Relish	pH; Brix; Total Acidity; Salt	<input type="checkbox"/>					<input type="checkbox"/>	
PT-FC-859 * – Candy	25g	Candy	Moisture; Total Acidity	<input type="checkbox"/>						<input type="checkbox"/>
PT-FC-860 * – Chewing gum	25g	Chewing gum	Moisture; Total Acidity; pH	<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>	
PT-FC-861 * – Garlic powder	300g	Garlic powder	Moisture; Sulfur dioxide; Allicin; Ash (total); Acid insoluble ash; Bulk index NEW ; Bulk density (Untapped density) NEW ; Tapped density NEW	<input type="checkbox"/>			<input type="checkbox"/>			

Nutritional Information				Round and Month (FC)						
Sample	Quantity	Supplied As	Target Analytes	ALL	FEB 334	APR 336	JUN 338	AUG 340	OCT 342	DEC 344
PT-FC-862* – Peanut butter	50g	Peanut butter	Fat; Salt; Moisture	<input type="checkbox"/>				<input type="checkbox"/>		
PT-FC-864* – Tomato paste	25g	Tomato paste	Vitamin A; Colour	<input type="checkbox"/>					<input type="checkbox"/>	
PT-FC-865* – Green coffee	25g	Green coffee	Moisture	<input type="checkbox"/>			<input type="checkbox"/>			
PT-FC-869* – Spices	50g	Spices	Water activity; Moisture	<input type="checkbox"/>			<input type="checkbox"/>			
PT-FC-876* – Sauce	50g	Ketchup or mayonnaise	Water activity	<input type="checkbox"/>	<input type="checkbox"/>					
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	<input type="checkbox"/>	<input type="checkbox"/>					
PT-FC-887* – Chewing gum	25g	Chewing gum	Acesulfame-K	<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>	
PT-FC-888* – Chewing gum	25g	Chewing gum	Sorbitol	<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>	
PT-FC-889* – Colour of ground spices NEW	20g	Powdered spice	Colour L; Colour a; Colour b	<input type="checkbox"/>					<input type="checkbox"/>	
PT-FC-891* – Polyols in food NEW	50g	Food product	Xylitol; Isomalt; Sorbitol; Maltitol; Mannitol	<input type="checkbox"/>		<input type="checkbox"/>				

Nutritional Information				Round and Month (FC)						
Sample	Quantity	Supplied As	Target Analytes	ALL	FEB 334	APR 336	JUN 338	AUG 340	OCT 342	DEC 344
PT-FC-892 * – Quality of vanilla beans NEW	50g	Vanilla bean powder	Moisture; Vanillin	<input type="checkbox"/>	<input type="checkbox"/>					
PT-FC-893 * – Water in flavouring powder NEW	25g	Powder	Water by Karl Fisher	<input type="checkbox"/>	<input type="checkbox"/>					
PT-FC-900 * – pH in food NEW	TBC	FC334:Canned Vegetables FC338:Ready to eat salad, e.g. potato salad	pH	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>			

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Pesticides				Round and Month (FC)						
Sample	Quantity	Supplied As	Target Analytes	ALL	FEB 334	APR 336	JUN 338	AUG 340	OCT 342	DEC 344
PT-FC-777. * – Tea	2 x 50g (spiked & blank)	Dried green tea spiked Dried green tea blank	Pesticides; Nicotine NEW	<input type="checkbox"/>				<input type="checkbox"/>		
PT-FC-836 – Pome fruits	2 x 100g (spiked & blank)	Material containing up to 20 quantifiable pesticides, including Glyphosate	Pesticides; Glyphosate#; AMPA# NEW	<input type="checkbox"/>	<input type="checkbox"/>					

Pesticides				Round and Month (FC)						
Sample	Quantity	Supplied As	Target Analytes	ALL	FEB 334	APR 336	JUN 338	AUG 340	OCT 342	DEC 344
PT-FC-837 – Citrus fruits	2 x 100g (spiked & blank)	Material containing up to 20 quantifiable pesticides, including Glyphosate and Glufosinate	Pesticides; Glyphosate#; AMPA# NEW ; Glufosinate# NEW	<input type="checkbox"/>		<input type="checkbox"/>				
PT-FC-838 – Fruiting vegetables	2 x 100g (spiked & blank)	Material containing up to 20 quantifiable pesticides, including Glyphosate	Pesticides; Glyphosate#; AMPA# NEW	<input type="checkbox"/>			<input type="checkbox"/>			
PT-FC-839 – Root & tuber vegetables	2 x 100g (spiked & blank)	Material containing up to 20 quantifiable pesticides, including Glyphosate	Pesticides; Glyphosate#; AMPA# NEW	<input type="checkbox"/>				<input type="checkbox"/>		
PT-FC-840 * – Pulses	2 x 50g (spiked & blank)	Material containing up to 20 quantifiable pesticides, including Glyphosate	Pesticides; Glyphosate; AMPA NEW	<input type="checkbox"/>					<input type="checkbox"/>	
PT-FC-841 * – Cereals	2 x 50g (spiked & blank)	Material containing up to 20 quantifiable pesticides, including Glyphosate	Pesticides; Glyphosate; AMPA NEW	<input type="checkbox"/>		<input type="checkbox"/>				

Pesticides				Round and Month (FC)						
Sample	Quantity	Supplied As	Target Analytes	ALL	FEB 334	APR 336	JUN 338	AUG 340	OCT 342	DEC 344
PT-FC-843 * - Spices	2 x 50g (spiked & blank)	Material containing up to 20 quantifiable pesticides	Pesticides	<input type="checkbox"/>						<input type="checkbox"/>
PT-FC-857 * - Ethylene oxide in food products	60g	Food product e.g. sesame	Ethylene oxide as a sum of ethylene oxide and 2-CE; Ethylene oxide; 2 chloroethanol	<input type="checkbox"/>				<input type="checkbox"/>		
PT-FC-868 * - Ethylene oxide in spices	20g	Food product e.g. ground ginger	Ethylene oxide as a sum of ethylene oxide and 2-CE; Ethylene oxide; 2 chloroethanol	<input type="checkbox"/>				<input type="checkbox"/>		
PT-FC-880 * - Herbs	2 x 50g (spiked & blank)	Herbs	Pesticides	<input type="checkbox"/>				<input type="checkbox"/>		

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Contaminants				Round and Month (FC)						
Sample	Quantity	Supplied As	Target Analytes	ALL	FEB 334	APR 336	JUN 338	AUG 340	OCT 342	DEC 344
PT-FC-779 - Nuts	2 x 50g (spiked & blank)	FC336: Almonds FC342: Peanuts	Aflatoxins B ₁ ; B ₂ ; G ₁ ; G ₂ ; Total aflatoxins	<input type="checkbox"/>		<input type="checkbox"/>			<input type="checkbox"/>	
PT-FC-787 - Vegetable	50g	Spinach	Nitrate	<input type="checkbox"/>		<input type="checkbox"/>				
PT-FC-788 - Snack product	50g	Potato crisps	Acrylamide	<input type="checkbox"/>					<input type="checkbox"/>	
PT-FC-792 - Vegetable	50g	Spinach	Perchlorate	<input type="checkbox"/>		<input type="checkbox"/>				

Contaminants				Round and Month (FC)						
Sample	Quantity	Supplied As	Target Analytes	ALL	FEB 334	APR 336	JUN 338	AUG 340	OCT 342	DEC 344
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)	<input type="checkbox"/>		<input type="checkbox"/>				
PT-FC-798 * - Infant vegetable purée	100g	Infant vegetable food	Nitrate	<input type="checkbox"/>		<input type="checkbox"/>				
PT-FC-803 * - Palm oil	50g	Palm oil	Sudan IV	<input type="checkbox"/>		<input type="checkbox"/>				
PT-FC-804 * - Dried fruits	200g	Dried fruit slurry	Aflatoxins B ₁ ; B ₂ ; G ₁ ; G ₂ ; Total aflatoxins; Ochratoxin A	<input type="checkbox"/>		<input type="checkbox"/>				
PT-FC-805 * - Vegetable oil	50ml	Vegetable oil	Benzo[a]pyrene; Benz[a]anthracene; Benzo[b]fluoranthene; Chrysene; Sum of EU 4 PAHs	<input type="checkbox"/>			<input type="checkbox"/>			
PT-FC-831 * - Opiates	15g	Poppy seeds	Morphine; Codeine	<input type="checkbox"/>			<input type="checkbox"/>			
PT-FC-845 * - Mycotoxins in rice	100g	Ground rice	Aflatoxins B ₁ ; B ₂ ; G ₁ ; G ₂ ; Total aflatoxins; Ochratoxin A; Zearalenone	<input type="checkbox"/>			<input type="checkbox"/>			
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	<input type="checkbox"/>					<input type="checkbox"/>	
PT-FC-881 * - Acrylamide in coffee	50g	Instant or ground coffee	Acrylamide	<input type="checkbox"/>		<input type="checkbox"/>				
PT-FC-886 * - Illegal dyes in spices	25g	Spices (e.g. chilli or turmeric)	Dyes	<input type="checkbox"/>					<input type="checkbox"/>	

Contaminants				Round and Month (FC)						
Sample	Quantity	Supplied As	Target Analytes	ALL	FEB 334	APR 336	JUN 338	AUG 340	OCT 342	DEC 344
PT-FC-890 * - Mycotoxins in spices (natural levels) NEW	100g	Chilli powder/ paprika	Aflatoxins B ₁ ; B ₂ ; G ₁ ; G ₂ ; Total aflatoxins; Ochratoxin A (natural levels)	<input type="checkbox"/>					<input type="checkbox"/>	

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Allergens				Round and Month (FC)						
Sample	Quantity	Supplied As	Target Analytes	ALL	FEB 334	APR 336	JUN 338	AUG 340	OCT 342	DEC 344
PT-FC-781 - Low in gluten Flour	100g	Flour (low level)	Gluten	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>		
PT-FC-799. * - Egg white in cake mix	2 x 20g	Cake mix powder	Egg white protein; Presence/absence of egg white	<input type="checkbox"/>					<input type="checkbox"/>	
PT-FC-808. * - Almond in rice flour	2 x 20g	Rice flour	Almond; Presence/absence of almond	<input type="checkbox"/>		<input type="checkbox"/>				
PT-FC-809 * - Soy in rice flour	2 x 20g	Rice flour	Soy; Presence/absence of soy	<input type="checkbox"/>			<input type="checkbox"/>			
PT-FC-810. * - β-lactoglobulin	2 x 20g	Infant formula powder	β-lactoglobulin; Presence/absence of β-lactoglobulin	<input type="checkbox"/>					<input type="checkbox"/>	
PT-FC-851 - Low in gluten pasta sauce	25g	Pasta sauce (low level)	Gluten	<input type="checkbox"/>		<input type="checkbox"/>				
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	<input type="checkbox"/>					<input type="checkbox"/>	

Allergens				Round and Month (FC)						
Sample	Quantity	Supplied As	Target Analytes	ALL	FEB 334	APR 336	JUN 338	AUG 340	OCT 342	DEC 344
PT-FC-853. – Soya and milk protein in non-dairy milk	2 x 25g	Non-dairy milk	Soy; Milk protein#; Presence/absence of soy protein; Presence/absence of milk protein#	<input type="checkbox"/>						
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	<input type="checkbox"/>						
PT-FC-855 * – Gluten in swabs	–	2 x Surface swabs	Presence/absence of Gluten	<input type="checkbox"/>						
PT-FC-882 * – Peanut, sesame and soya in swabs	–	2 x Surface swabs	Presence/absence of Peanut protein; Presence/absence of Sesame protein; Presence/absence of Soya protein	<input type="checkbox"/>						
PT-FC-896 * – Gluten in cake mix NEW	25g	Material	Gluten (quantitative)	<input type="checkbox"/>						
PT-FC-897 * – Peanut in food NEW	2 x 25g	Food product	Peanut (quantitative); Presence/absence of peanut protein	<input type="checkbox"/>						
PT-FC-898 * – Milk in infant breakfast cereals NEW	2 x 25g	Infant breakfast cereals	Milk (quantitative); Presence/absence of milk	<input type="checkbox"/>						
PT-FC-899 * – Multi allergens in infant soya formula NEW	25g	Infant soya formula	Gluten; Milk protein; Presence/absence of gluten; Presence/absence of milk protein	<input type="checkbox"/>						

*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

Foreign bodies				Round and Month (FC)						
Sample	Quantity	Supplied As	Target Analytes	ALL	FEB 334	APR 336	JUN 338	AUG 340	OCT 342	DEC 344
PT-FC-818 * - Foreign bodies in food products	-	2 x samples (both potentially contaminated)	Presence/absence; Identification of foreign body	<input type="checkbox"/>						

*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	FEB 334	APR 336	JUN 338	AUG 340	OCT 342	DEC 344
PT-FC-780 * - Dried tea	50g	Dried green tea	Total Arsenic; Cadmium; Mercury; Lead; Selenium	<input type="checkbox"/>						
PT-FC-784 * - Cereal grain	50g	Cereal grain	Total Arsenic; Cadmium; Lead; Mercury	<input type="checkbox"/>						
PT-FC-785 * - Edible oil	50g	Vegetable oil	Total Arsenic; Cadmium; Lead; Mercury	<input type="checkbox"/>						
PT-FC-786 * - Dried fruit	50g	Dried fruit powder	Total Arsenic; Cadmium; Lead; Mercury	<input type="checkbox"/>						
PT-FC-789 - Rice	10g	Rice	Total Arsenic; Total Inorganic Arsenic#; Arsenic III#; Arsenic V#; Cadmium; Lead#	<input type="checkbox"/>						
PT-FC-795 * - Mushrooms	10g	Dried mushrooms	Total Arsenic; Cadmium; Lead	<input type="checkbox"/>						
PT-FC-827 * - Infant fruit/vegetable pureé	20g	Infant fruit/vegetable pureé	Total Arsenic; Inorganic arsenic; Cadmium; Lead	<input type="checkbox"/>						
PT-FC-866 * - Ground pepper	10g	Ground pepper	Total Arsenic; Cadmium; Lead; Mercury	<input type="checkbox"/>						

Elements				Round and Month (FC)						
Sample	Quantity	Supplied As	Target Analytes	ALL	FEB 334	APR 336	JUN 338	AUG 340	OCT 342	DEC 344
PT-FC-871* - Herbs	10g	Herbs	Total Arsenic; Cadmium; Lead; Mercury	<input type="checkbox"/>		<input type="checkbox"/>				

*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

Oil and Fat Quality				Round and Month (FC)						
Sample	Quantity	Supplied As	Target Analytes	ALL	FEB 334	APR 336	JUN 338	AUG 340	OCT 342	DEC 344
PT-FC-778 - Edible oil or fat	150g	FC334: Palm oil FC338: Coconut oil FC342: Rapeseed oil FC344: Peanut oil	Water; Free fatty acids; Saponification value; Unsaponifiable matter; Anisidine value; Colour; Iodine value; Peroxide value; Fatty acid composition [^]	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
PT-FC-782 - Mixed fat spread	100g	FC334: Full fat spread FC340: 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	<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>		
PT-FC-790. - Extra virgin olive oil	2 x 200ml & 1 x 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 [^]	<input type="checkbox"/>		<input type="checkbox"/>			<input type="checkbox"/>	
PT-FC-791 - Olive oil	2 x 200ml	FC338: Olive oil FC344: Olive pomace oil	Free fatty acids (Acidity); K270; ΔK; Wax content; β-sitosterol (apparent); Campesterol; Erythrodiol & Uvaol; ΔECN 42; Accelerated Oxidation test (Rancimat) at 120°C; 2-glyceryl monopalmitate; Fatty Acid composition [^]	<input type="checkbox"/>			<input type="checkbox"/>			<input type="checkbox"/>
PT-FC-796* - Frying oil	150g	Frying (used) vegetable oil	Total polar compounds; Free fatty acids (Acidity); Accelerated oxidation test (Rancimat) at 120°C	<input type="checkbox"/>		<input type="checkbox"/>			<input type="checkbox"/>	

Oil and Fat Quality				Round and Month (FC)						
Sample	Quantity	Supplied As	Target Analytes	ALL	FEB 334	APR 336	JUN 338	AUG 340	OCT 342	DEC 344
PT-FC-806 * - Fish oil supplement	100ml	Cod liver oil	cis Alpha-linolenic acid (ALA); cis Eicosapentaenoic acid (EPA); cis Docosapentaenoic (DPA); cis Docosahexaenoic (DHA); Monounsaturated fatty acids; Polyunsaturated fatty acids; Saturated fatty acids; Total EPA+DHA Omega-3 fatty acids; Total Omega-3 fatty acids; Total Omega-6 fatty acids; Total Omega-9 fatty acids; Omega-3 : Omega-6 ratio; Total trans fatty acids; Vitamin A; Vitamin D	<input type="checkbox"/>						

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^For details on the fatty acid composition, please refer to the QFCS Scheme Description

Authenticity/Quality				Round and Month (FC)						
Sample	Quantity	Supplied As	Target Analytes	ALL	FEB 334	APR 336	JUN 338	AUG 340	OCT 342	DEC 344
PT-FC-825 * - Herbs & Spices	15g	FC338:Oregano FC344:Coriander	Confirmation of authenticity; Additional questions (see Scheme Description)	<input type="checkbox"/>						
PT-FC-847 * - Authenticity of honey	2 x 5g	Honey	Confirmation of authenticity; Additional questions (see Scheme Description)	<input type="checkbox"/>						
PT-FC-848 * - Vegan food	10g	Vegan food	Presence or absence of animal DNA	<input type="checkbox"/>						
PT-FC-849 * - Cannabidiol (CBD) in confectionery	-	3 x gummies	Cannabidiol	<input type="checkbox"/>						
PT-FC-850. * - Vanillin in vanilla extract	3 x 20ml	Vanilla extract	Vanillin; Ethyl alcohol; Density; Refractive index at 20°C	<input type="checkbox"/>						
PT-FC-870 * - Spices	300g	Spices	Bulk index; Bulk density (Untapped density); Colour strength; Water activity; Tapped density	<input type="checkbox"/>						
PT-FC-879 * - Herbs	300g	Herbs	Moisture; Acid Insoluble Ash; Ash; Volatile Oil; Water activity	<input type="checkbox"/>						

Authenticity/Quality				Round and Month (FC)						
Sample	Quantity	Supplied As	Target Analytes	ALL	FEB 334	APR 336	JUN 338	AUG 340	OCT 342	DEC 344
PT-FC-883 * - Soya sauce	100ml	Soya sauce	pH; Total titratable acidity; Total sugars; Sorbic acid (E200); Salt; Sodium; Magnesium; Potassium; Calcium	<input type="checkbox"/>		<input type="checkbox"/>				
PT-FC-884 * - Dried fruit	50g	Dried fruit	Total sugars; Total dietary fibre; Protein; Ash; Moisture	<input type="checkbox"/>						<input type="checkbox"/>
PT-FC-894 * - Aroma baking ingredients NEW	50ml	Liquid aroma baking test material	Water activity; Density; Vanillin; Brix NEW	<input type="checkbox"/>	<input type="checkbox"/>					
PT-FC-895 * - Quality of spice mix NEW	100g	Spice mix	Salt; Volatile oil; Piperine content	<input type="checkbox"/>			<input type="checkbox"/>			
PT-FC-901 * - Net content of prepacked product NEW	-	Prepacked products for net content	Net content	<input type="checkbox"/>			<input type="checkbox"/>			

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

Food Labelling				Round and Month (FC)						
Sample	Quantity	Supplied As	Target Analytes	ALL	FEB 334	APR 336	JUN 338	AUG 340	OCT 342	DEC 344
PT-FC-846- VIRTUAL * - Food labelling and nutritional values	-	Paper exercise	Assessment to Regulation (EU) 1169/2011 as amended and the retained law in the UK	<input type="checkbox"/>					<input type="checkbox"/>	

*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	FEB 334	APR 336	JUN 338	AUG 340	OCT 342	DEC 344
PT-FC-872 * - Bisphenols in 3% aqueous acetic acid	50ml	Simulant	Bisphenol A; Bisphenol S	<input type="checkbox"/>		<input type="checkbox"/>				

Food Contact				Round and Month (FC)						
Sample	Quantity	Supplied As	Target Analytes	ALL	FEB 334	APR 336	JUN 338	AUG 340	OCT 342	DEC 344
PT-FC-873 * – Total primary aromatic amines in 3% aqueous acetic acid	300ml	Simulant	Aniline; 4,4'-Methylenedianiline; 2,4-Toluenediamine	<input type="checkbox"/>					<input type="checkbox"/>	
PT-FC-874 * – Lead and Cadmium in 4% aqueous acetic acid	50ml	Simulant	Lead; Cadmium	<input type="checkbox"/>			<input type="checkbox"/>			
PT-FC-875 * – Phthalates in vegetable/seed oil	20ml	Simulant	DEHP; BBP; DBP	<input type="checkbox"/>					<input type="checkbox"/>	

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Genetically modified organisms (GMO)				Round and Month (FC)						
Sample	Quantity	Supplied As	Target Analytes	ALL	FEB 334	APR 336	JUN 338	AUG 340	OCT 342	DEC 344
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	<input type="checkbox"/>					<input type="checkbox"/>	

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

For details on the full technical specification of the scheme, please refer to the QFCS Scheme Description.

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: <input type="text"/>	Contact name: <input type="text"/>
Department: <input type="text"/>	Department: <input type="text"/>
Company: <input type="text"/>	Company: <input type="text"/>
Address: <input type="text"/>	Address: <input type="text"/>
<input type="text"/>	<input type="text"/>
Town/City: <input type="text"/>	Town/City: <input type="text"/>
County: <input type="text"/>	County: <input type="text"/>
Post/Zip Code: <input type="text"/>	Post/Zip Code: <input type="text"/>
Country: <input type="text"/>	Country: <input type="text"/>
Tel: <input type="text"/>	Tel: <input type="text"/>
E-mail: <input type="text"/>	E-mail: <input type="text"/>
<input type="text"/>	VAT no: <input type="text"/>

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**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-889 (Colour of ground spices). This will be available in round FC334 (February 2024).
- Sample PT-FC-891 (Polyols in food products). This will be available in round FC336 (April 2024).
- Sample PT-FC-892 (Quality of vanilla beans). This will be available in round FC334 (February 2024).
- Sample PT-FC-893 (Water in flavouring powder by Karl Fischer). This will be available in round FC334 (February 2024).
- Sample PT-FC-894 (Aroma baking ingredients for chemical & physical parameters). This will be available in round FC334 (February 2024).
- Sample PT-FC-895 (Quality parameters of spice mix). This will be available in round FC338 (June 2024).
- Sample PT-FC-896 (Gluten in cake mix). This will be available in round FC336 (April 2024).
- Sample PT-FC-897 (Peanut in food product). This will be available in round FC336 (April 2024).
- Sample PT-FC-898 (Milk in infant breakfast cereals). This will be available in round FC344 (April 2024).
- Sample PT-FC-899 (Multi allergens in infant soya formula). This will be available in round FC344 (April 2024).
- Sample PT-FC-900 (pH only in food products). This will be available in rounds FC334 (February 2024) and FC338 (June 2024).
- Sample PT-FC-901 (Net content of prepacked product). This will be available in round FC338 (June 2024).

For Mycotoxins in spices analysis, we previously offered sample PT-FC-794 in two rounds of the year: one round with high levels (spiked) and one round with low (natural) levels. For 2024, we will separate into two samples:

- PT-FC-794 is now for mycotoxins in spices at high levels (spiked) and available in one round: FC336 (April 2024).
- We have introduced a new sample PT-FC-890 for mycotoxins in spices at low/natural levels. This will be available in round FC342 (October 2024).

We have added a number of new analytes as follows:

- Nicotine added to PT-FC-777 (Pesticides analysis of dried tea including nicotine).
- AMPA added to PT-FC-836, PT-FC-837 PT-FC-838, PT-FC-839, PT-FC-840, PT-FC-841 (Pesticides).
- Brix added to PT-FC-894 (Aroma baking ingredients for chemical & physical parameters).
- Bulk density, bulk index and tapped density added to PT-FC-861 (Garlic composition and quality).

Sample volume increased for PT-FC-783 (Nutritional analysis of tomato paste/puree) from 100g to 150g.

Sample volume increased for PT-FC-850 (Vanillin in vanilla extract) from 2 x 20mL to 3 x 20mL sample.

Sample volume increased for PT-FC-857 (Ethylene oxide in sesame) from 10g to 60g.

Sample volume increased for PT-FC-861 (Garlic composition and quality) and PT-FC-879 (Quality of herbs) to 300g.

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

- PT-FC-800 (Non dairy cheese)
- PT-FC-842 (Pesticides in oil)

We have also removed the quantitative analysis of milk protein from PT-FC-854 (Multi-allergens in biscuit/cookie), but participants are still able to report the presence/absence of milk proteins.

We have added PT-FC-812 for Nutritional analysis of mayonnaise as accredited under LGC's flexible 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.

LGC AXIO PT – INTERNAL USE ONLY

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