

The QBS proficiency testing scheme includes chemical and microbiological samples in juices and soft drinks. 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](mailto: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	Chemistry	Microbiology
FEB BV334	19 Feb 2024	25 Mar 2024	510,515,516,517,521,524	500,501
MAY BV337	20 May 2024	24 Jun 2024	510,514,515,516,517,518,522,524,525,526,527	500,501,505,506,507
AUG BV340	12 Aug 2024	16 Sep 2024	510,515,516,517,524,528	500,501
NOV BV343	25 Nov 2024	06 Jan 2025	510,514,515,516,517,519,520,524	500,501,505

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.

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.

**MICROBIOLOGY**

Sample	Quantity	Supplied As	Target Analytes	Samples Available				
				Round and Month (BV)	ALL	FEB 334	MAY 337	AUG 340
PT-BV-500 - Fruit Juice	-	Lyophilised test material plus 90ml Simulated Fruit Juice diluent and 10ml primary diluent	Total aerobic mesophilic count; Enumeration of Yeast; Mould; Lactic acid bacteria; Total acidophilic flora <b>NEW</b> ; Detection of <i>Escherichia coli</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PT-BV-501 - Soft Drink	-	Lyophilised test material plus 90ml Simulated Soft Drink diluent and 10ml primary diluent	Total aerobic mesophilic count; Enumeration of Yeast; Mould; Lactic acid bacteria; Total acidophilic flora <b>NEW</b> ; Detection of <i>Escherichia coli</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PT-BV-505 - Filtration	-	Lyophilised test material final volume 1L (Diluent not provided)	Total aerobic mesophilic count; Enumeration of Yeast; Mould; Lactic acid bacteria; Total acidophilic flora <b>NEW</b> ; Detection of <i>Escherichia coli</i>	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
PT-BV-506 - Filtration	-	Lyophilised test material final volume 1L (Diluent not provided)	Enumeration of Thermophilic acidophilic bacteria ( <i>Alicyclobacillus</i> spp); Detection of Guaiacol producing thermophilic acidophilic bacteria	<input type="checkbox"/>		<input type="checkbox"/>		
PT-BV-507 - Fruit Juice	-	Lyophilised test material plus 100ml Simulated Fruit Juice	Detection of <i>Salmonella</i> species; <i>Listeria monocytogenes</i> ; <i>Escherichia coli</i> O157	<input type="checkbox"/>		<input type="checkbox"/>		

CHEMISTRY

Sample	Quantity	Supplied As	Target Analytes	Samples Available					Round and Month (BV)						
				ALL	FEB 334	MAY 337	AUG 340	NOV 343	ALL	FEB 334	MAY 337	AUG 340	NOV 343		
PT-BV-510 - Fruit Juice	125ml	BV334: Orange BV337: Apple BV340: Grapefruit BV343: Cranberry	Brix; Acidity (as Citric Acid Monohydrate); pH; Fructose; Glucose; Calcium; Phosphorus; Potassium; Magnesium; Sodium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PT-BV-514 - Vitamin C	100ml	Liquid test material	Ascorbic Acid (Vitamin C)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PT-BV-515 - Soft Drink	2 x 330ml	Carbonated soft drink	Brix; Acidity (as Citric Acid Monohydrate); pH; Carbon Dioxide; Fructose; Glucose; Sucrose	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PT-BV-516 - Simulated soft drink (degassed)	2 x 250ml	Simulated soft drink (degassed)	Sample A: Benzoic Acid; Caffeine; Sulfur Dioxide (Total); Sorbic Acid (as free acid); Phosphoric Acid Sample B: Acesulfame K; Aspartame; Cyclamic acid (as free acid); Saccharin (as free imide); Sucralose	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PT-BV-517 - Soft Drink dilutable/ ready to drink	2 x 250ml	BV334: Dilutable drink BV337: Ready to drink BV340: Dilutable drink BV343: Ready to drink	Sample A: Acidity (as Citric Acid Monohydrate); Benzoic Acid; Brix; Caffeine; Sulfur Dioxide (Total); pH; Sorbic Acid (as free acid) Sample B: Acesulfame K; Aspartame; Cyclamic acid (as free acid); Fructose; Glucose; Saccharin (as free imide); Sucrose; Sucralose	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PT-BV-518 - Fruit Juice	100ml	Orange juice test material	Antimony; Arsenic; Cadmium; Iron; Lead; Tin; Zinc	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PT-BV-519 - Soft Drink	100ml	Soft drink test material	Antimony; Arsenic; Cadmium; Iron; Lead; Tin; Zinc; Calcium; Phosphorus; Potassium; Magnesium; Sodium; Aluminium#; Manganese#; Copper#; Selenium#	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PT-BV-520 - Fruit Juice	60ml	Clear apple juice test material	Patulin (corrected for recovery)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Samples Available				Round and Month (BV)				
Sample	Quantity	Supplied As	Target Analytes	ALL	FEB 334	MAY 337	AUG 340	NOV 343
PT-BV-521 * - Soft Drink	250ml	Soft drink test material	Nicotinamide (Vitamin B3); Pantothenic acid (Vitamin B5); Pyridoxine (Vitamin B6); Cyanocobalamin (Vitamin B12); Ascorbic acid (Vitamin C); DL- $\alpha$ -Tocopherol (Vitamin E); Riboflavin (Vitamin B2)#	<input type="checkbox"/>	<input type="checkbox"/>			
PT-BV-522 * - Soft Drink	125ml	Soft drink test material	Total steviol glycosides; Rebaudioside A	<input type="checkbox"/>		<input type="checkbox"/>		
PT-BV-524 * - Carbonated Water	2 x 500ml	Carbonated Water test material	Carbon dioxide; Conductivity (20°); pH; Calcium; Magnesium; Potassium; Sodium; Bicarbonate; Chloride; Total Dissolved solids	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PT-BV-525 * - Smoothie	250ml	Smoothie test material	Energy; Fat; Saturates; Carbohydrate; Total Sugars; Fructose; Sucrose; Protein; Salt; Sodium; Dietary Fibre; pH	<input type="checkbox"/>		<input type="checkbox"/>		
PT-BV-526 * - Energy drink	1 x bottle or can	Energy drink test material	Energy; Carbohydrate; Total Sugars; Fructose; Sucrose; Salt; Sodium; pH; Caffeine; Taurine	<input type="checkbox"/>		<input type="checkbox"/>		
PT-BV-527 * - Ready to drink beverage	250ml	Ready to drink beverage	Vitamin E; Vitamin A	<input type="checkbox"/>		<input type="checkbox"/>		
PT-BV-528 * - Tea beverage <b>NEW</b>	250ml	Liquid test material (Tea beverage)	Total polyphenols	<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.

For details on the full technical specification of the scheme, please refer to the QBS 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](mailto: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. 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 new sample as follows:

- Sample PT-BV-528 (Polyphenols in tea beverage). This will be available in round BV340 (August 2024).

We have added a new analyte as follows:

- Enumeration of total acidophilic flora added to PT-BV-500 (Microorganisms in fruit juice), PT-BV-501 (Microorganisms in soft drink) and PT-BV-505 (Microbiology Filtration Test).

Due to low participation, we have removed the below analytes:

- Free Sulfur dioxide from sample PT-BV-516 (Additives in simulated soft drink - degassed) and PT-BV-517 (Additives in soft drinks).
- Dry residue, Sulfate and Total hardness from sample PT-BV-524 (Carbonated water).

### OTHER SCHEMES/SAMPLES OF INTEREST

We have a number of other Beverage schemes available which may be of interest to you. Further details can be found on our [Beverage schemes webpage](#).

## 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. Furthermore, for test samples containing microorganisms with a bio safety level (BSL) of 1 or 2, you are confirming that you are complying with applicable laws and regulations when using such materials.

**LGC AXIO PT - INTERNAL USE ONLY**

Name	
Customer	
Site	
Currency	
Address ID	
PO no	
Carriage	

Renew ALY	
Year for PY	
Dt	
Doc Text	
Quotation	
Other	
Additional	