

Driving
Quality
Together



Proficiency Testing

April 2019 - March 2020

LGC Proficiency Testing Schemes

Application Forms

lgcstandards.com/pt



0001

ISO/IEC 17043

LGC Proficiency testing schemes

DRIVING QUALITY TOGETHER

As global leaders in proficiency testing, LGC understands the importance of the accreditation process and the confidence it brings businesses to make the right quality decisions.

Our world class experts provide a premium service ensuring a reporting process focused on speed, ease and efficiency and delivering excellent value.

The World's first choice of proficiency testing

12 000 Laboratories served world wide

1 700 Annual Proficiency tests

Serving laboratories in 160 countries worldwide

LGC Quality ISO/IEC 17043:2010

Food and Feed

Water and environment

Beverage

Clinical

Consumer Safety

Forensics

Petroleum

Pharmaceutical

LGC Proficiency testing schemes

Application Forms April Start 2019 - 2020

Environment and water PT schemes

AIR PT Analysis of workplace air, ambient air, indoor / chamber air and stack emissions

AQUACHECK Chemical analysis of waters, agricultural soils and sludge's

CONTEST Analysis of contaminated land

Clinical PT Schemes

DAH* Drugs of abuse in hair
*Currently not included in our scope of accreditation

DAU Drugs of abuse in urine

DOF Drugs in oral fluid

TOX Clinical and/or forensic toxicological analysis

Consumer safety PT Schemes

COSMETICS Chemical and microbiological analysis of cosmetics and toiletries products

PHARMASSURE Chemical and microbiological analysis of pharmaceutical products, instrument techniques and sterility testing

Forensic PT Schemes

QUARTZ Forensic toxicological analysis of drugs and alcohol in blood

Customer statement

Accreditation certificate

LGC Proficiency testing schemes

Do not miss our January Start schemes

Application Forms January Start 2019

Food and feed PT Schemes

AFPS Chemical and microbiological analysis of animal feed
QCS Chemical and microbiological analysis of chocolate and cocoa powder
QDCS Chemical analysis of dairy products
QFCS Chemical and nutritional analysis of food
QGS Chemical and microbiological analysis of gelatine
QMAS Chemical and microbiological analysis of meat, fish and shellfish
QMS Microbiological analysis of food and food ingredients

Water and environment PT Schemes

HYGIENE Workplace environmental monitoring of surfaces
QWAS Microbiological analysis of waters and effluent sludge

Beverage PT Schemes

BAPS Chemical, microbiological and sensory analysis of beer
DAPS Chemical analysis of alcoholic and distilled beverage
MAPS Chemical and physical analysis of malted barley and barley
QBS Chemical and microbiological analysis of soft drinks and fruit juices
SUPS Chemical and microbiological analysis of sugar and sugar products

Clinical PT Schemes

NEW CLS Clinical Microbiology
IPT Quantification of immunosuppressants in blood and plasma
TDM Quantification of therapeutic drugs in blood, plasma, serum and urine

Consumer safety PT Schemes

NiMS Determination of Nickel release against EN 1811 (2011)
TOYTEST Assessment of toys, paper exercises solutions against European and American toy safety standards

Forensic PT Schemes

FIRMS Forensic isotope ratio mass spectrometry

Industrial PT Schemes

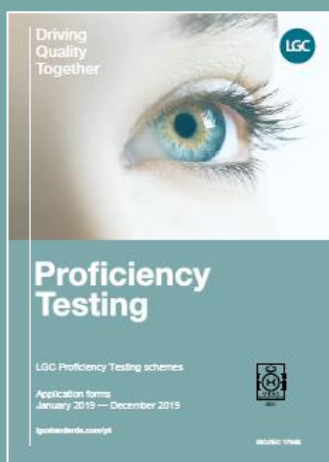
OIL PT Chemical analysis of oils, fuels and lubricants

Other products

easi-tab™ Quantitative microbiological reference materials (Reference Material, not included into the LGC scope of ISO/IEC 17043 UKAS accreditation)

Customer statement

Accreditation certificate





Air & Stack Emissions

AIR PT 2019 - 2020



Air and Stack Emissions Proficiency Testing Scheme Application Form

Workplace Air		
Sample	Supplied as	Target Analyte(s)
1# - Metals	4 x spiked membrane filters 25mm Ø	Cadmium; Chromium; Cobalt; Copper; Iron; Manganese; Nickel; Lead; Zinc
1A - Metals	4 x spiked cassette capsules 37mm Ø	Cadmium; Chromium; Cobalt; Copper; Iron; Manganese; Nickel; Lead; Zinc
1B - Metals NEW	4 x spiked membrane filters 37mm Ø	Cadmium; Chromium; Cobalt; Copper; Iron; Manganese; Nickel; Lead; Zinc
1C - Metals NEW	4 x spiked Zefon DIS filter inserts 25mm Ø	Cadmium; Chromium; Cobalt; Copper; Iron; Manganese; Nickel; Lead; Zinc
2X - <u>Direct</u> Measurement of Quartz by XRD	4 x dynamically loaded PVC GLA5000 filters 25mm Ø	Respirable grade quartz by XRD (by <u>direct</u> analysis of filters supplied)
2F - <u>Direct</u> Measurement of Quartz by FTIR	4 x dynamically loaded PVC GLA5000 filters 25mm Ø	Respirable grade quartz by FTIR (by <u>direct</u> analysis of filters supplied)
2I - <u>Indirect</u> Measurement of Quartz by XRD or FTIR NEW	4 x dynamically loaded PVC GLA5000 filters 25mm Ø	Respirable grade quartz by either XRD or FTIR (by <u>indirect</u> analysis, i.e. by ashing and redeposition onto analytical filter or by KBr disc)
3** - Dust	4 x spiked glass fibre filters 25mm Ø	Dust by gravimetry (mass of solids)
4** - Dust	4 x spiked glass fibre filters 37mm Ø	Dust by gravimetry (mass of solids)
5 - VOCs	4 x dynamically loaded charcoal sorbent tubes (workplace air levels)	Benzene; Toluene; Xylene; Ethyl benzene
6 - VOCs	4 x dynamically loaded charcoal sorbent tubes (workplace air levels)	1,1,1-Trichloroethane; n-Hexane; n-Butyl acetate; Tetrachloroethene; Trichloroethylene
7 - VOCs	4 x dynamically loaded Tenax thermal desorption tubes (workplace air levels)	Benzene; Toluene; Xylene; Ethyl benzene
8 - Aldehydes	4 x spiked glass fibre filters 25mm Ø	Formaldehyde; Acetaldehyde
9 - Cr (VI)	4 x spiked NaOH treated Millipore PVDF filters 25mm Ø	Chromium (VI)
10A - Metals***	1 x bulk welding fume sample	Chromium; Cobalt; Copper; Iron; Manganese; Nickel; Zinc
10B - Lead	1 x bulk lead-containing dust sample	Lead
15 - Lactose	4 x spiked glass fibre filters 25mm Ø	Lactose (surrogate particle tracer)
16 - Diesel fume	4 x dynamically loaded quartz fibre filters 25mm Ø	Elemental carbon
18 - Beryllium	4 x spiked mixed cellulose ester filter 37mm Ø	Beryllium

#For sample 1, the manganese measurand is not currently included in LGC's UKAS scope of accreditation.

**Filters are despatched to participants in order for them to weigh and then should be returned to LGC Standards Bury for spiking. LGC Standards Bury then re-send the spiked filters back to the participants for reweighing. Please see page 4 for further details.

***For sample 10A one or more of the listed elements will be included in each round.



V2

For more information visit
www.lgcstandards.com

Page 2 of 6



Air & Stack Emissions

AIR PT 2019 - 2020



Air and Stack Emissions Proficiency Testing Scheme Application Form

Ambient Air		
Sample	Supplied as	Target Analyte(s)
11 - NO ₂	4 x dynamically loaded Palmes type diffusion tubes	Nitrogen dioxide (as nitrite)
12 - VOCs	4 x dynamically loaded Tenax thermal desorption tubes (ambient air levels)	Benzene; Toluene; Xylene; Ethyl benzene
12A - VOCs	4 x dynamically loaded Carbopack thermal desorption tubes (ambient air levels)	Benzene; Toluene; Xylene; Ethyl benzene
13 - Metals	4 x spiked quartz fibre filters 47mm Ø	Cadmium; Nickel; Lead; Arsenic
14 - Anions on filters	4 x spiked quartz fibre filters 47mm Ø	Chloride; Nitrate, Sulfate
17 - Dust**	4 x spiked quartz fibre filters 47mm Ø	Dust by gravimetry (mass of solids)

**Filters are despatched to participants in order for them to weigh and then should be returned to LGC Standards Bury for spiking. LGC Standards Bury then re-send the spiked filters back to the participants for reweighing. Please see page 4 for further details.

Indoor/Chamber Air		
Sample	Supplied as	Target Analyte(s)
21 - VOCs (Material Emission Testing)	4 x dynamically loaded Tenax thermal desorption tubes at chamber air levels	Benzene; n-Hexane; Toluene; Butyl acetate; MIBK; Cyclohexanone; p-Xylene; Diacetyl [#] ; Phenol; 124-TMB; Limonene; 4-PCH; Dodecane
22*** - VOCs (Qualitative determination)	2 x dynamically loaded Tenax thermal desorption tubes at chamber air levels	Qualitative determination of VOCs including alcohol, aliphatic, aromatic, ester, halocarbon and terpene compounds

[#]For sample 21, the diacetyl measurand is not currently included in LGC's UKAS scope of accreditation.

***See Appendix B in the AIR PT Scheme Description for compound listing.

Stack Emissions		
Sample	Supplied as	Target Analyte(s)
31 - Mercury	1 x potassium permanganate & sulfuric acid impinger solution containing mercury	Volume; Mercury
32 - Mercury	1 or 2 x Potassium dichromate & nitric acid impinger solution containing mercury	Volume; Mercury
33 - Metals	1 x nitric acid impinger solution containing up to 6 trace metals	AR031 – Volume; As; Cr; Cu; Pb; Ni; Ti AR033 – Volume; Sb; Cd; Co; Mn; Ni; V AR034 – Volume; As; Cd; Cr; Pb; Ni; V AR036 – Volume; Sb; Cd; Co; Cu; Mn; Ti
34 - Sulfur dioxide	1 x hydrogen peroxide impinger solution containing SO ₂	Volume; Sulfur dioxide
35 - Hydrogen fluoride	1 x sodium hydroxide impinger solution containing HF	Volume; Hydrogen fluoride



V2

For more information visit
www.lgcstandards.com

Page 3 of 6



Air & Stack Emissions

AIR PT 2019 - 2020



Air and Stack Emissions Proficiency Testing Scheme Application Form

Stack Emissions (continued)		
Sample	Supplied as	Target Analyte(s)
36 - Hydrogen chloride	1 x aqueous impinger solution containing hydrogen chloride	Volume; Hydrogen chloride
37 - Ammonia	1 x sulfuric acid impinger solution containing ammonia	Volume; Ammonia
38 - Metals	1 x quartz filter spiked with up to 6 trace elements and fly ash 47mm Ø	AR031 – As; Cr; Cu; Pb; Ni; Tl AR033 – Sb; Cd; Co; Mn; Ni; V AR034 – As; Cd; Cr; Pb; Ni; V AR036 – Sb; Cd; Co; Cu; Mn; Tl
39 - Dust analysis (solution)	1 x rinsing solution containing dissolved and suspended solids	Total solids
40** - Dust analysis (filter)	4 x spiked quartz filters 47mm Ø	Dust analysis (mass of solids)

**Please see below for further details.

Dust Filter Samples (3, 4, 17 and 40) Distribution Schedule

For the dust filter samples (3, 4, 17 and 40), four filters are despatched to participants in order for them to weigh. Participants then ship the filters back to LGC Standards Bury for spiking. LGC Standards Bury re-send the spiked filters back to the participants for reweighing who then report the results (initial value; reweighing value; calculated difference) to LGC Standards Bury via PORTAL for assessment. Dust filter sample specific dates:

Round	Despatch Date (week commencing)	Filters required back at LGC by	Filters re-despatch date (week commencing)	Reporting Deadline
AR032	29 Apr 2019	24 May 2019	17 Jun 2019	05 Jul 2019
AR035	18 Nov 2019	06 Dec 2019	06 Jan 2020	24 Jan 2020

For details on the full technical specification of the scheme please refer to the AIR Scheme Description. The scheme description is available [here](#).



V2

For more information visit
www.lgcstandards.com

Page 4 of 6



Air & Stack Emissions

AIR PT 2019 - 2020



Air and Stack Emissions Proficiency Testing Scheme Application Form

Please fill in your address details below:

Send Test Materials to:	Send Invoices to:
Send Report Notifications to: 	*An email will be sent to this address to notify when the report is available to download from PORTAL, the online reporting system
Returning customer Lab ID (optional): <input type="text"/>	Purchase order no. (optional): <input type="text"/>

For additional information and costs, please contact Customer Services by phone or email:

NEW EU customers Tel: +49 (0)281 9887 250, Email: sales.eu@lgcgroup.com

NEW non-EU customers Tel: +49 (0)281 9887 270, Email: global.sales@lgcgroup.com

Repeat / Extra Samples

For additional samples please state clearly the number of additional samples, sample type(s), and the rounds below.

- Additional (or repeat) samples for samples 7, 12, 12A, 21 and 22 (those with Tenax thermal desorption tubes) may be purchased but will be charged at full price (prices indicated on pages 2-3). See note below – returning tube requirements.
- Additional samples for the filter samples 3, 4, 17 and 40 may be purchased but will be charged at full price (prices indicated on pages 1-3)
- Additional (or repeat) samples for samples 1, 1A, 1B, 1C, 2X, 2F, 2I, 5, 6, 8, 9, 10A, 10B, 11, 13, 14, 15, 16 and 18 may be purchased.
- Additional (or repeat) samples for Stack emission samples 31-39 may be purchased.



V2

For more information visit
www.lgcstandards.com

Page 5 of 6



Air & Stack Emissions

AIR PT 2019 - 2020



Air and Stack Emissions Proficiency Testing Scheme Application Form

Please note:

- This scheme is managed and operated by LGC Standards and is supported through technical advice from HSL. LGC is the accredited PT provider of this scheme.
- Thermal desorption tubes used in samples 7, 12, 12A, 21 and 22 are the Perkin Elmer type (6,4mm OD, 5mm ID and 90mm long); however, it may be possible to also accommodate Gerstel 6mm OD, 4mm ID and 178mm long. Please contact LGC Standards Proficiency Testing for further details.
- Thermal desorption tubes must be returned at the participant's cost to LGC Standards within 2 months after receipt (including additional or repeat samples). Failure to do so will result in an additional charge of € 380 per sample set being made to replace the tubes.
- When returning thermal desorption tubes, please label the parcels with the supplied label "Returned Sample tubes for laboratory proficiency testing – no commercial value" and declare a "nominal value of £1 / \$1 / €1". Failure to do so could result in any incurred excise / importation fee being passed onto the participant.
- All prices stated are exclusive of VAT and carriage.
- VAT is payable (at the prevailing rate) by all participants based in the European Union if a VAT Registration Number is not provided.
- All courier charges set by LGC Standards do not include local import charges, taxes (etc.), which will be covered by the participant.
- Participants will pay an additional fee to cover courier charges. Please contact LGC Standards for current charges.
- Do not send remittance with this form, you will be invoiced subsequently for the full year's participation.
- No refunds will be given for failure to take part in any round of the PT scheme or for cancellation of rounds that have already been invoiced.
- LGC Standards 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 Standards cannot guarantee the number of participants that will return results for any particular round.
- The prices stated are for reporting results and receiving reports electronically via PORTAL (internet reporting). If alternative data entry or reporting methods are required, further charges apply. Please contact LGC Standards for the current charges.
- By signing this application form, you are agreeing to comply by LGC Standards' Standard Terms and Conditions for the Supply of Laboratory Quality Products and Services and the AIR PT scheme specific requirements noted above.

Existing customers

If you would like to change your marketing preferences, please visit our [preference centre](#) or contact sales.eu@lgcgroup.com [EU customers] or global.sales@lgcgroup.com [non-EU customers]

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

Signature

Date



V2

For more information visit
www.lgcstandards.com

Page 6 of 6



Water & Environmental Chemistry

Aquacheck 2019 - 2020

Aquacheck Proficiency Testing Scheme Application Form



Please fill in your address details below:

Send Test Materials to:	Send Invoices to:

Send Report Notifications to:

*An email will be sent to this address to notify when the report is available to download from PORTAL, the online reporting system

Returning customer Lab ID (optional): **AQ** Purchase order no. (optional):

Please indicate the samples and rounds required on pages 2-6.

Sample	Clean Waters – Inorganic and Nutrients	Round number(s) required
1H	Major Inorganic Components (Hard Water)	
1S	Major Inorganic Components (Soft Water)	
2H	Nutrients and Others (Hard Water)	
2S	Nutrients and Others (Soft Water)	
N.B: The per annum discount is applicable for all laboratories taking part in a combination of five rounds of 1H+1S or 2H+2S.		
1A	Major Ions in Higher Salinity Potable Water	
2A	pH in Poorly Buffered Waters	
3	Non-specific Analytes	
3A	Inorganic Disinfection By-products	
3B	Free Chlorine	
3C	Total Chlorine	
4	Metals (Preserved in 0.5% Nitric Acid)	
4G	Metals in Groundwater (Preserved in 0.5% Nitric Acid)	
5 [#]	Toxic Metals (Preserved in 0.5% Nitric Acid)	
5A	Metals for Hydride Generation (Preserved in 0.5% Hydrochloric Acid)	
5B	EQS Metals (Preserved in 0.5% Nitric Acid)	
5C	Chromium (VI) in Clean Water	
5G [#]	Toxic Metals in Groundwater (Preserved in 0.5% Nitric Acid)	
44 ^{##}	Haloacetic Acids NEW	

[#]Please note that certain analytes within these samples are not included in the scope of LGC's UKAS accreditation.

Please check the Aquacheck Scheme Description for further details.

^{##}Please note that sample 44 is not currently within the scope of LGC's UKAS accreditation.



Water & Environmental Chemistry

Aquacheck 2019 - 2020

Aquacheck Proficiency Testing Scheme Application Form



Sample	Clean Waters - Organic	Round number(s) required
6A	Haloforms and Chlorinated Solvents	
6B [#]	Phenols	
6C [#]	Benzene, Toluene and Xylenes	
7A [#]	Organochlorine Pesticides	
7B	Chlorinated Solvents	
7C	Polycyclic Aromatic Hydrocarbons	
7D	Polychlorinated Biphenyls	
8 [#]	Acid Herbicides	
8B [#]	Triazines and Urea Herbicides	
9 [#]	Organophosphorus Pesticides	
26	PFOS and PFOA	
28	Formaldehyde	
33 ^{##}	Chlorophyll a	
36 ^{##}	Taste and Odour	
37 ^{##}	Acrylamide	
38 ^{##}	UV Absorbing Organic Constituents	
39 ^{##}	Geosmin and MIB	
40 ^{##}	Fungicides	
41 ^{##}	Microcystin	
43 ^{##}	Triclosan NEW	

Sample	Waste Waters and Effluents – Inorganic and Nutrients	Round number(s) required
10	Nutrients and other analytes	
11	Non-specific Analytes	
12 [#]	Metals (Preserved in 0.5% Nitric Acid)	
12C	Chromium (VI) in Waste Water	
15	Settleable Solids	
29	High and Low COD	
35 ^{##}	BOD/COD at high concentration	

Sample	Sewage Sludge – Inorganic Determinands	Round number(s) required
13	Sewage Sludge Inorganics and Specific Elements	
16 [#]	Compositional Analysis of Sewage Sludge	

[#]Please note that certain analytes within these samples are not included in the scope of LGC's UKAS accreditation. Please refer to the Aquacheck Scheme Description for further details.

^{##}Please note that samples 33-43 are not currently within the scope of LGC's UKAS accreditation.



Water & Environmental Chemistry

Aquacheck 2019 - 2020

Aquacheck Proficiency Testing Scheme Application Form



Sample	Soils – Inorganic Determinands	Round number(s) required
14	Agricultural Soil Inorganics and Specific Elements	

Sample	Waste Waters and Effluents – Industrial Waste Waters	Round number(s) required
17A	Major Waste Water Analytes	
17B	Total Phenol, Cyanide and Sulfate	
17C [#]	Metals (Preserved in 0.5% Nitric Acid)	
17D	Ammonia, Phosphate and Nitrogen	
32 ^{##}	Sulfide	

Sample	Waste Waters - Organic	Round number(s) required
18A	Haloforms and Chlorinated Solvents	
18B [#]	Phenols	
18C	Benzene, Toluene and Xylenes	
19A [#]	Organochlorine Pesticides	
19B	Chlorinated Solvents	
19C	Polycyclic Aromatic Hydrocarbons	
19D	Polychlorinated Biphenyls	
20 [#]	Acid Herbicides	
20B [#]	Triazines and Urea Herbicides	
21 [#]	Organophosphorus Pesticides	
23	Mineral Oil in Water	
24	Oil and Grease in Water	
27	AOX in Wastewater	

Sample	Qualitative Waters	Round number(s) required
22	Qualitative Organics by GCMS	
22A	Qualitative Organics by Purge and Trap GCMS	
25	Qualitative Determination in Clean Water	

Sample	Radiochemistry	Round number(s) required
30	Gross Alpha and Gross Beta in Clean Water	
31	Aqueous Tritium in Clean Water	
42 ^{##}	Plutonium and Uranium	

Sample	Ecotoxicology	Round number(s) required
50	Ecotoxicology Tests	

[#]Please note that certain analytes within these samples are not included in the scope of LGC's UKAS accreditation. Please check the Aquacheck Scheme Description for further details.

^{##}Please note that samples 32 and 42 are not currently within the scope of LGC's UKAS accreditation



Water & Environmental Chemistry

Aquacheck 2019 - 2020

Aquacheck Proficiency Testing Scheme Application Form



Water Framework Directive – sample 34^{##}

Please tick the required samples below.

Round	Despatch Date	Reporting Deadline	Samples									
			34A	34B	34C	34D	34E	34F	34G	34H	34I	34J
AQ566	13 May	10 Jun						N/A	N/A	N/A	N/A	N/A
AQ576	28 Oct	25 Nov	N/A	N/A	N/A	N/A	N/A					

'N/A' indicates where samples are unavailable for a particular round. A full description of the samples can be found in the Scheme Description.

Aquacheck Trial Samples^{##}

Please indicate the samples required below:

Round	Despatch Date	Reporting Deadline	Samples	Sample required (please tick)
AQ564	15 Apr	13 May	Synthetic Pyrethroid Insecticides	
AQ565	29 Apr	28 May	M-Certs	
AQ566	13 May	10 Jun	Saline Water – Nutrients	
AQ567	28 May	24 Jun	Low Level CIP2 contaminants	
AQ568	24 Jun	22 Jul	Acetate & Iodide	
AQ569	08 Jul	05 Aug	EQSD Directive – Low Level Triazines	
AQ570	22 Jul	19 Aug	Bottled Mineral Water	
AQ571	13 Aug	09 Sep	Saline Water – Metals	
AQ572	27 Aug	23 Sep	Semi-Volatile Organic Compounds	
AQ573	16 Sep	14 Oct	Explosives in Groundwater	
AQ574	30 Sep	28 Oct	Synthetic Pyrethroid Insecticides	
AQ575	14 Oct	11 Nov	Volatile Organic Compounds (Fumigants) NEW	
AQ576	28 Oct	25 Nov	Trihalomethanes & Nutrients in Recreational Water	
AQ577	11 Nov	09 Dec	EQSD Directive – Low Level Organophosphorus & Chlorinated Solvents	
AQ578	25 Nov	06 Jan 2020	Low Level CIP2 contaminants	
AQ579	09 Dec	13 Jan	Pharmaceuticals	
AQ580	13 Jan 2020	10 Feb	M-Certs	
AQ581	27 Jan	24 Feb	EQSD Directive – Low Level Organochlorines	
AQ582	10 Feb	09 Mar	Semi-Volatile Organic Compounds	
AQ583	24 Feb	23 Mar	Saline Water – Nutrients	

^{##}Please note that these samples are not currently within the scope of LGC's UKAS accreditation. The trial samples will be run subject to the registration of a sufficient number of participants.

For details on the full technical specification of the samples please refer to the Aquacheck Scheme Description. The scheme description is available [here](#).



Water & Environmental Chemistry

Aquacheck 2019 - 2020

Aquacheck Proficiency Testing Scheme Application Form



For additional information and costs, please contact Customer Services by phone or email:

NEW EU customers Tel: +49 (0)281 9887 250, Email: sales.eu@lgcgroup.com

NEW non-EU customers Tel: +49 (0)281 9887 270, Email: global.sales@lgcgroup.com

Repeat / Extra Samples

For additional waters or spikes please specify your requirements below stating clearly the number of additional samples and the round(s).

Please note:

- All prices stated are exclusive of VAT and carriage.
- VAT (charged at the prevailing rate) is payable by all participants based in the European Union if a VAT Registration Number is not provided.
- Participants will pay an additional fee to cover courier charges. For details please contact LGC.
- All courier charges set by LGC do not include local import charges, taxes (etc.), which must be paid by the participant.
- Do not send remittance with this form, you will be invoiced subsequently for the full year's participation.
- No refunds will be given for failure to take part in any round of the PT scheme or for cancellation of rounds that have already been invoiced.
- LGC 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 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). If alternative data entry or reporting methods are required, further charges apply. Please contact LGC for the current charges.
- Aquacheck Trial samples will be run subject to the registration of a sufficient number of participants and LGC reserves the right not to provide the samples should they prove technically impractical.
- By signing this application form, you are agreeing to comply by LGC Standards' Standard Terms and

Existing customers

If you would like to change your marketing preferences, please visit our [preference centre](#) or contact sales.eu@lgcgroup.com [EU customers] or global.sales@lgcgroup.com [non-EU customers]

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

Signature

Date



Contaminated Land CONTEST 2019 - 2020

Contaminated Land Proficiency Testing Scheme Application Form



Please complete all sections below and return to:

LGC Standards GmbH, Mercatorstr. 51, 46485 Wesel, Germany

NEW EU customers Tel: +49 (0)281 9887 250, Fax: +49 (0)281 9887 259, Email: sales.eu@lgcgroup.com

NEW non-EU customers Tel: +49 (0)281 9887 270, Fax: +49 (0)281 9887 279, Email: global.sales@lgcgroup.com

				Samples											
Round	Despatch Date	Reporting Deadline	Level of Participation	A	B	C	D	E	BTEX (22)	TPH (23)	VOCs (25)	OCs (26)	LOI (27)	ST (28) NEW	IBA (29) NEW
CN116	29 Apr 2019	28 May 2019	Full												
			Reduced												
CN117	01 Jul 2019	29 Jul 2019	Full												
			Reduced												
CN118	23 Sep 2019	21 Oct 2019	Full												
			Reduced												
CN119	18 Nov 2019	16 Dec 2019	Full												
			Reduced												
CN120	17 Feb 2020	16 Mar 2020	Full												
			Reduced												

Please note that it is possible to order individual samples on top of the Full or Reduced options (groups A-C); please see page 2 for further details



Not available

1

Please indicate the samples required in the relevant boxes above

Sample Type		Samples Included
A - METALS	Full	Standard solutions: 1a, 1b, 1c, 13. Soil extract: 2. Soil sample: 3a
	Reduced	Soil sample only: 3a
B - INORGANICS	Full	Standard solutions: 6, 8, 10, 12, 16, 17. Soil sample: 3b
	Reduced	Soil sample only: 3b
C - ORGANICS	Full	Standard solutions: 5, 7a, 7b, 11, 14a, 14b, 15, 19, 20. Soil sample & spiking solution: 3c
	Reduced	Soil sample & spiking solution: 3c
D - LEACHATE		Soil sample: 18
E - WAC		Waste Acceptance Criteria Soil sample: 21. Prepared Leachate material: 24* CN116, CN118, CN120: Moderate contamination CN117: High contamination; CN119: Low contamination
BTEX in Soil (BTEX)		Sample 22* includes soil sample and standard solution
Total Hydrocarbons in Soil (TPH)		Sample 23* includes soil sample and standard solution
VOCs in Soil (VOCs)		Sample 25* includes soil sample and standard solution
Organochlorine Pesticides in Soil (OCs)		Sample 26* includes soil sample and standard solution
LOI FINES (LOI)		Sample 27* includes soil sample
NEW Soil Texture (ST)		Sample 28*
NEW Incinerator Bottom Ash (IBA) TRIAL		Sample 29*

*Please note that samples 22 - 29 are not currently within the scope of LGC's accreditation. Please further note: soil samples do not always contain measurable concentrations of all analytes as listed in every round.

For details on the full technical specification of the scheme, please refer to the CONTEST Scheme Description. The scheme description is available [here](#).



Contaminated Land CONTEST 2019 - 2020

Contaminated Land Proficiency Testing Scheme Application Form



Please fill in your address details below:

Send Test Materials to:	Send Invoices to:

Send Report Notifications to:	*An email will be sent to this address to notify when the report is available to download from PORTAL, the online reporting system

Returning customer Lab ID (optional): Purchase order no. (optional):

For additional information and costs, please contact Customer Services by phone or email:

NEW EU customers Tel: +49 (0)281 9887 250, Email: sales.eu@lgcgroup.com

NEW non-EU customers Tel: +49 (0)281 9887 270, Email: global.sales@lgcgroup.com

Extra samples

For groups A-C, individual samples may be purchased on top of the Full or Reduced sample options. The table below should **only** be used to indicate additional sample requirements.

Round	Group A						Group B							Group C									
	3a	1a	1b	1c	2	13	3b	6	8	10	12	16	17	3c	5	7a	7b	11	14a	14b	15	19	20
CN116																							
CN117																							
CN118																							
CN119																							
CN120																							

Please note:

- All prices stated are exclusive of VAT and carriage.
- VAT (charged at the prevailing rate) is payable by all participants based in the European Union if a VAT Registration Number is not provided.
- Participants will pay an additional fee to cover courier charges. If you would like a guide as to these charges, please contact LGC Standards Proficiency Testing.
- All courier charges set by LGC Standards Proficiency Testing do not include local import charges, taxes (etc.), which will be covered by the participant.



Contaminated Land CONTEST 2019 - 2020

Contaminated Land Proficiency Testing Scheme Application Form



- The prices stated are for reporting results and receiving reports electronically via PORTAL (internet reporting). If alternative data entry or reporting methods are required, further charges apply. Please contact LGC Standards Proficiency Testing for the current charges.
- Do not send remittance with this form, you will be invoiced subsequently for the full year's participation.
- No refunds will be given for failure to take part in any round of the PT scheme or for cancellation of rounds that have already been invoiced.
- LGC Standards 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 Standards Proficiency Testing cannot guarantee the number of participants that will return results for any particular parameter in each round.
- By signing this application form, you are agreeing to comply by LGC Standards' Standard Terms and Conditions for the Supply of Laboratory Quality Products and Services.

Existing customers

If you would like to change your marketing preferences, please visit our [preference centre](#) or contact sales.eu@lgcgroup.com [EU customers] or global.sales@lgcgroup.com [non-EU customers]

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

Signature

Date



Drugs of Abuse in Hair DAH 2019 - 2020

Drugs of Abuse in Hair Proficiency Testing Scheme Application Form

Please complete all sections below and return to:

LGC Standards GmbH, Mercatorstr. 51, 46485 Wesel, Germany

NEW EU customers Tel: +49 (0)281 9887 250, Fax: +49 (0)281 9887 259, Email: sales.eu@lgcgroup.com

NEW non-EU customers Tel: +49 (0)281 9887 270, Fax: +49 (0)281 9887 279, Email: global.sales@lgcgroup.com

Please tick the rounds in which you wish to participate:

Round	Despatch Date	Reporting Deadline	Please tick ✓
DH025	07 May 2019	03 Jun 2019	
DH026	09 Sep 2019	07 Oct 2019	
DH027	02 Dec 2019	06 Jan 2020	
DH028	16 Mar 2020	14 Apr 2020	

Sample Details

Participants will receive the following samples in each selected round:

Sample	Description	Presentation
1	For the identification and quantification of up to 4 analytes	1 x 250 milligrams of 2-3mm segments of human hair
2	For the identification and quantification of up to 4 analytes	1 x 250 milligrams of 2-3mm segments of human hair

For details on the full technical specification of the scheme please refer to the DAH Scheme Description. The scheme description is available [here](#).

Please fill in your address details below:

Send Test Materials to:	Send Invoices to:

Send Report Notifications to:	*An email will be sent to this address to notify when the report is available to download from PORTAL, the online reporting system

Returning customer Lab ID (optional): **DH**

Purchase order no. (optional):



Drugs of Abuse in Hair DAH 2019 - 2020

Drugs of Abuse in Hair Proficiency Testing Scheme Application Form

For additional information and costs, please contact Customer Services by phone or email:

NEW EU customers Tel: +49 (0)281 9887 250, Email: sales.eu@lgcgroup.com

NEW non-EU customers Tel: +49 (0)281 9887 270, Email: global.sales@lgcgroup.com

Repeat / Extra Samples

For additional samples please state clearly the number of additional samples, sample type(s), and the rounds below.

Please note:

- All prices stated are exclusive of VAT and carriage.
- VAT (charged at the prevailing rate) is payable by all participants based in the European Union if a VAT Registration Number is not provided.
- Participants will pay an additional fee to cover courier charges. Please contact LGC Standards for up to date charges.
- All courier charges set by LGC Standards 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 proficiency testing scheme.
- LGC Standards 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 Standards cannot guarantee the number of participants that will return results for any particular round.
- Please note that these samples are not currently within the scope of LGC Standards' UKAS accreditation.
- Please note that the prices stated are for reporting results and receiving reports electronically via PORTAL (internet reporting). If alternative data entry or reporting methods are required, further charges apply. Please contact LGC Standards Proficiency Testing for the current charges.
- By signing this application form, you are agreeing to comply by LGC Standards' Standard Terms and Conditions for the Supply of Laboratory Quality Products and Services.

Existing customers

If you would like to change your marketing preferences, please visit our [preference centre](#) or contact sales.eu@lgcgroup.com [EU customers] or global.sales@lgcgroup.com [non-EU customers]

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

Signature

Date



Drugs of Abuse in Urine DAU 2019 - 2020

Drugs of Abuse in Urine Proficiency Testing Scheme Application Form



Please complete all sections below and return to:

LGC Standards GmbH, Mercatorstr. 51, 46485 Wesel, Germany

NEW EU customers Tel: +49 (0)281 9887 250, Fax: +49 (0)281 9887 259, Email: sales.eu@lgcgroup.com

NEW non-EU customers Tel: +49 (0)281 9887 270, Fax: +49 (0)281 9887 279, Email: global.sales@lgcgroup.com

Please tick the relevant box to indicate your required level of participation:

		Please tick one ✓
Full	Subscription per annum for all rounds	
Screening only	Subscription per annum for all rounds	

Important notes regarding membership

Full: Full membership participants will be able to report for the screening only analytes using immunoassay type techniques and individual analytes by chromatography type techniques. Approximately 210 individual analytes are available and are managed by your PORTAL online screening profile. Participants will receive 3 freeze-dried urine samples, each with a volume of 15ml.

Screening-only: This is designed for participants who report using immunoassay type techniques, including POCT (point of care testing). Participants will receive 3 freeze-dried urine samples, each with a volume of 15ml. The screening groups are as follows:

Amphetamine screen	Barbiturate screen	Benzodiazepine screen	Buprenorphine screen	Cannabinoid screen
Cocaine screen	LSD screen	Methadone screen	Methamphetamine screen	Opiate screen
Phencyclidine screen	Propoxyphene screen	Tricyclic screen		

Please note that it is not possible to report on individual analytes on a Screening-only basis.

For further details on the technical specification of the scheme, please refer to the DAU Scheme Description. The scheme description is available [here](#).

Sample Distribution

Round	Despatch Date	Reporting Deadline	Full membership	Screening-only
DU132	15 Apr 2019	20 May 2019	✓	✓
DU133	22 Jul 2019	27 Aug 2019	✓	✓
DU134	28 Oct 2019	02 Dec 2019	✓	✓
DU135	13 Jan 2020	17 Feb 2020	✓	✓

☒ Samples distributed in this round

Reporting Thresholds

Prior to submitting your results you will be asked to configure your screening profile (**applicable to both screening and full participation**), we recommend that you only select the analytes that you are routinely screening for; any drugs that are detected which you are not routinely screening should be added/removed from your screening profile on a round by round basis.

When configuring the screening profile it's **essential** that you choose the analyte with the reporting threshold that is most appropriate to your laboratory, this will either be the clinical threshold, EWDTS threshold or SAMHSA..
E.g. Amphetamine (Clinical threshold 1000 µg/L) or Amphetamine (EWDTS threshold 200 µg/L)

Note: Failure to choose the most appropriate threshold to your laboratory could result in your laboratory being incorrectly assessed.

For further details on the technical specification and reporting thresholds of the scheme, please refer to the DAU Scheme Description, which can be downloaded [here](#)

Please fill in your address details below:

Send Test Materials to:	Send Invoices to:

Send Report Notifications to: <div></div>		*An email will be sent to this address to notify when the report is available to download from PORTAL, the online reporting system
Returning customer Lab ID (optional):	DU	Purchase order no. (optional): <div></div>

For additional information and costs, please contact Customer Services by phone or email:

NEW EU customers Tel: +49 (0)281 9887 250, Email: sales.eu@lccgroup.com

NEW non-EU customers Tel: +49 (0)281 9887 270, Email: global.sales@lqcgroup.com

Repeat / Extra Samples

For additional samples please state clearly the number of additional samples, sample type(s), and the rounds below.



Drugs of Abuse in Urine DAU 2019 - 2020

Drugs of Abuse in Urine Proficiency Testing Scheme Application Form



Please note:

- All prices stated are exclusive of VAT and carriage.
- VAT is payable (at the prevailing rate) by all participants based in the European Union if a VAT Registration Number is not provided.
- Participants will pay an additional fee to cover courier charges. Please contact LGC Standards for up-to-date charges.
- All courier charges set by LGC Standards 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 for the full year's participation.
- No refunds will be given for failure to take part in any round of the PT scheme or for cancellation of rounds that have already been invoiced.
- LGC Standards 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 Standards cannot guarantee the number of participants that will return results for any particular round.
- The prices stated are for reporting results and receiving reports electronically via PORTAL (internet reporting). If alternative data entry or reporting methods are required, further charges apply. Please contact LGC Standards for the current charges.
- Please note that your participation will not be automatically renewed if we do not receive your order (as in previous years). Please ensure that you return this application form to LGC Standards in order to confirm your participation.
- By signing this application form, you are agreeing to comply by LGC Standards' Standard Terms and Conditions for the Supply of Laboratory Quality Products and Services.

Existing customers

If you would like to change your marketing preferences, please visit our [preference centre](#) or contact sales.eu@lgcgroup.com [EU customers] or global.sales@lgcgroup.com [non-EU customers]

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

Signature

Date



Drugs of Abuse in Oral Fluid DOF 2019 - 2020



Drugs of Abuse in Oral Fluid Proficiency Testing Scheme Application Form

For additional information and costs, please contact Customer Services by phone or email:

NEW EU customers Tel: +49 (0)281 9887 250, Email: sales.eu@lgcgroup.com

NEW non-EU customers Tel: +49 (0)281 9887 270, Email: global.sales@lgcgroup.com

Repeat / Extra Samples

For additional samples please state clearly the number of additional samples, sample type(s), and the rounds below.

Please note:

- All prices stated are exclusive of VAT and carriage.
- VAT is payable (at the prevailing rate) by all participants based in the European Union if a VAT Registration Number is not provided.
- Participants will pay an additional fee to cover courier charges. Please contact LGC Standards for up-to-date charges.
- All courier charges set by LGC Standards 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 for the full year's participation.
- No refunds will be given for failure to take part in any round of the proficiency testing scheme or for cancellation of rounds that have already been invoiced.
- LGC Standards 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 Standards cannot guarantee the number of participants that will return results for any particular round.
- The prices stated are for reporting results and receiving reports electronically via PORTAL (internet reporting). If alternative data entry or reporting methods are required, further charges apply. Please contact LGC Standards for the current charges.
- By signing this application form, you are agreeing to comply by LGC Standards' Standard Terms and Conditions for the Supply of Laboratory Quality Products and Services.

Existing customers

If you would like to change your marketing preferences, please visit our [preference centre](#) or contact sales.eu@lgcgroup.com [EU customers] or global.sales@lgcgroup.com [non-EU customers]

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

Signature

Date



Toxicology TOX 2019 - 2020

Toxicology Proficiency Testing Scheme Application Form



Please complete all sections below and return to:

LGC Standards GmbH, Mercatorstr. 51, 46485 Wesel, Germany

NEW EU customers Tel: +49 (0)281 9887 250, Fax: +49 (0)281 9887 259, Email: sales.eu@lgcgroup.com

NEW non-EU customers Tel: +49 (0)281 9887 270, Fax: +49 (0)281 9887 279, Email: global.sales@lgcgroup.com

Please tick the following boxes to indicate the samples in which you wish to participate:

Sample	Sample Type	Price for all available rounds*	Please tick ✓	Available Discounts
SM	Quantitative - serum	€ 312,00		2 quantitative samples = 20% 3 quantitative samples = 30%
BLD	Quantitative - blood	€ 216,00		
URN	Quantitative - urine	€ 216,00		
CAS	Toxicology case studies	€ 272,00		No available discount
QT	Whole blood quantitative toxicology	€ 164,00		No available discount
TAK	Quantitative – Toxic alcohols	€ 140,00		No available discount
GHB	Quantitative – Gammahydroxybutyrate	€ 216,00		No available discount
BNZ**	Quantitative – Benzodiazepine Mix 1	€ 212,00		No available discount
BNZ B**	Quantitative – Benzodiazepine Mix 2	€ 212,00		No available discount
ZMIX**	Quantitative – Z-Drug Mx	€ 212,00		No available discount
NEW TAS**	Quantitative – Toxic alcohols in serum	€ 140,00		No available discount

*Please note that P&P per despatch is charged separately. Please contact LGC Standards for further details.

**These samples are not currently within the scope of LGC's UKAS accreditation.

Sample Distribution

			Samples										
Round	Despatch Date	Reporting Deadline	SM	BLD	URN	CAS	QT	TAK	GHB	BNZ	BNZ B	ZMIX	NEW TAS
TX224	08 Apr 2019	07 May 2019	✓	✓	✓		✓						
TX225	13 May 2019	10 Jun 2019	✓	✓	✓			✓	✓		✓		
TX226	13 May 2019	24 Jun 2019				✓							
TX227	10 Jun 2019	08 Jul 2019	✓	✓	✓					✓		✓	
TX228	08 Jul 2019	05 Aug 2019	✓	✓	✓		✓						✓
TX229	12 Aug 2019	09 Sep 2019	✓	✓	✓						✓		
TX230	12 Aug 2019	23 Sep 2019				✓							
TX231	09 Sep 2019	07 Oct 2019	✓	✓	✓					✓		✓	
TX232	14 Oct 2019	11 Nov 2019	✓	✓	✓		✓						
TX233	11 Nov 2019	09 Dec 2019	✓	✓	✓			✓	✓		✓		
TX234	11 Nov 2019	06 Jan 2020				✓							
TX235	09 Dec 2019	13 Jan 2020	✓	✓	✓					✓		✓	
TX236	06 Jan 2020	03 Feb 2020	✓	✓	✓		✓						✓
TX237	17 Feb 2020	16 Mar 2020	✓	✓	✓						✓		
TX238	17 Feb 2020	30 Mar 2020				✓							
TX239	16 Mar 2020	14 Apr 2020	✓	✓	✓					✓		✓	



Samples distributed in this round



Samples not available

For more information visit

www.lgcstandards.com



Toxicology TOX 2019 - 2020

Toxicology Proficiency Testing Scheme Application Form



Sample Details

Sample	Quantity	Supplied as	Target Analyte(s)
SM	3 x 1,7mL	Liquid Serum Sample	Ethanol; Paracetamol (Acetaminophen); Salicylic acid
BLD	1 x 1,7mL	Liquid Blood Sample	Ethanol; Paracetamol (Acetaminophen); Salicylic acid; Carboxyhaemoglobin
URN	1 x 1,7mL	Liquid Urine Sample	Ethanol
CAS	7mL Serum + 20mL Urine	1 x Serum Sample; 1 x Urine Sample + Scenario	Participants should report results, toxicological involvement and treatment options
QT	2 x 10mL	Human blood samples	Participants should report quantitative data on specified analytes
TAK	1 x 1,7mL	Liquid Blood Sample	Ethanol; Methanol; Isopropylalcohol (IPA); Acetone; Ethylene Glycol
GHB	3 x 2mL	Lyophilised Urine Sample	Gammahydroxybutyrate
BNZ*	2 x 4mL	Lyophilised Human Serum Samples	Diazepam; Nordazepam; Temazepam; Oxazepam; Nitrazepam
BNZ B*	2 x 4mL	Lyophilised Human Serum Samples	Alprazolam; Bromazepam; Clonazepam; Lorazepam; Midazolam
ZMIX*	2 x 4mL	Lyophilised Human Serum Samples	Zopiclone; Zaleplon; Zolpidem
NEW TAS*	1 x 1,7mL	Liquid Serum Sample	Ethanol; Methanol; Isopropylalcohol (IPA); Acetone; Ethylene Glycol

*These samples are not currently within the scope of LGC's UKAS accreditation.

For further details on the technical specification of the scheme, please refer to the TOX Scheme Description. The scheme description is available [here](#).

Please fill in your address details below:

Send Test Materials to:	Send Invoices to:
<div></div>	<div></div>

Send Report Notifications to:	*An email will be sent to this address to notify when the report is available to download from PORTAL, the online reporting system
<div></div>	

Returning customer Lab ID (optional):

TX

Purchase order no. (optional):



Toxicology TOX 2019 - 2020

Toxicology Proficiency Testing Scheme Application Form



For additional information and costs, please contact Customer Services by phone or email:

NEW EU customers Tel: +49 (0)281 9887 250, Email: sales.eu@lgcgroup.com

NEW non-EU customers Tel: +49 (0)281 9887 270, Email: global.sales@lgcgroup.com

Repeat / Extra Samples

For additional samples please state clearly the number of additional samples, sample type(s), and the rounds below.

Please note:

- All prices stated are exclusive of VAT and carriage.
- VAT is payable (at the prevailing rate) by all participants based in the European Union if a VAT Registration Number is not provided.
- Participants will pay an additional fee to cover courier charges. Please contact LGC Standards for up-to-date charges.
- All courier charges set by LGC Standards 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 for the full year's participation.
- No refunds will be given for failure to take part in any round of the PT scheme or for cancellation of rounds that have already been invoiced.
- LGC Standards 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 Standards cannot guarantee the number of participants that will return results for any particular round.
- The prices stated are for reporting results and receiving reports electronically via PORTAL (internet reporting). If alternative data entry or reporting methods are required, further charges apply. Please contact LGC Standards for the current charges.
- By signing this application form, you are agreeing to comply by LGC Standards' Standard Terms and Conditions for the Supply of Laboratory Quality Products and Services.

Existing customers

If you would like to change your marketing preferences, please visit our [preference centre](#) or contact sales.eu@lgcgroup.com [EU customers] or global.sales@lgcgroup.com [non-EU customers]

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

Signature

Date



Cosmetics & Toiletries

COSMETICS 2019 - 2020

Cosmetics and Toiletries Proficiency Testing Scheme Application Form



Please complete all sections below and return to:

LGC Standards GmbH, Mercatorstr. 51, 46485 Wesel, Germany

NEW EU customers Tel: +49 (0)281 9887 250, Fax: +49 (0)281 9887 259, Email: sales.eu@lgcgroup.com

NEW non-EU customers Tel: +49 (0)281 9887 270, Fax: +49 (0)281 9887 279, Email: global.sales@lgcgroup.com

Round	Despatch Date	Reporting Deadline	Samples																
			10A	10B	13A	13B	16A	16B	19	20	21	22	23	24*	25*	27*	28*	29*	NEW 30* TRIAL
CS034	29 Apr 2019	24 May 2019																	
CS035	19 Aug 2019	13 Sep 2019																	
CS036	18 Nov 2019	13 Dec 2019																	
CS037	10 Feb 2020	06 Mar 2020																	

*Please note that these samples are not currently within the scope of LGC's UKAS accreditation and trial sample 30 will be run subject to the registration of a sufficient number of participants.

1	Please indicate the number of samples required in the relevant boxes above
	Not available

MICROBIOLOGY SAMPLES			
Sample	Quantity	Supplied as	Target Analyte(s)
10A	Vial + 10g matrix	Powder	Detection and/or enumeration of aerobic mesophilic bacteria; <i>Staphylococcus aureus</i> Enumeration of Enterobacteriaceae Detection of <i>Escherichia coli</i>
10B	Vial + 10g matrix	Powder	Enumeration of yeast and mould (total count) Detection of <i>Candida albicans</i> ; <i>Burkholderia cepacia</i> Detection and/or enumeration of <i>Pseudomonas aeruginosa</i>
13A	Vial + 10g matrix	Cream	Detection and/or enumeration of aerobic mesophilic bacteria; <i>Staphylococcus aureus</i> Enumeration of Enterobacteriaceae Detection of <i>Escherichia coli</i>
13B	Vial + 10g matrix	Cream	Enumeration of yeast and mould (total count) Detection of <i>Candida albicans</i> ; <i>Burkholderia cepacia</i> Detection and/or enumeration of <i>Pseudomonas aeruginosa</i>
16A	Vial + 10mL matrix	Liquid	Detection and/or enumeration of aerobic mesophilic bacteria; <i>Staphylococcus aureus</i> Enumeration of Enterobacteriaceae Detection of <i>Escherichia coli</i>
16B	Vial + 10mL matrix	Liquid	Enumeration of yeast and mould (total count) Detection of <i>Candida albicans</i> ; <i>Burkholderia cepacia</i> Detection and/or enumeration of <i>Pseudomonas aeruginosa</i>
NEW 30 TRIAL	Vial + 10mL matrix	Cream	NEW Microbial Challenge Test: Microbial enumeration; % reduction in microbial load; Log ₁₀ reduction in microbial load

Please see overleaf for details of Chemistry samples.



Cosmetics & Toiletries

COSMETICS 2019 - 2020

Cosmetics and Toiletries Proficiency Testing Scheme Application Form



CHEMISTRY SAMPLES			
Sample	Quantity	Supplied as	Target Analyte(s)
19	5g	Lipstick	Cadmium; Chromium; Lead; Nickel; Arsenic**; Mercury**
20	5g	Lip gloss	Cadmium; Chromium; Lead; Nickel; Arsenic**; Mercury**
21	5g	Powder sample	Cadmium; Chromium; Lead; Nickel; Arsenic**; Mercury**
22	5mL	Cream sample	Hydroquinone
23	250mL	Liquid cosmetic sample	pH; Viscosity; Density
24	125mL	Mouthwash sample	Antimony; Arsenic; Barium; Copper; Fluoride; Mercury; Selenium; Zinc
25	25g	Toothpaste sample	Antimony; Arsenic; Barium; Copper; Fluoride; Mercury; Selenium; Zinc
27	25mL	Cream sample	Methylparaben; Propylparaben; Butylparaben; Benzoic acid; Sorbic acid
28	100g	Liquid or solid soap	Chlorides (as Cl ⁻); Free caustic alkali (as NaOH); Free fatty acids (as oleic acid); Matter insoluble in ethanol; Moisture and volatile matter; Total fatty matter content
29	100g	Powder detergent	Water insoluble matter; pH (1% aqueous solution at 25°); Moisture and volatile matter; Anionic-active matter; Cationic-active matter; Chlorides (as Cl ⁻)

**These analytes are not included in LGC's UKAS scope of accreditation

For details on the full technical specification of the scheme, please refer to the COSMETICS Scheme Description. The scheme description is available [here](#).

Please fill in your address details below:

Send Test Materials to:	Send Invoices to:
<div></div>	<div></div>

Send Report Notifications to:	*An email will be sent to this address to notify when the report is available to download from PORTAL, the online reporting system
<div></div>	

Returning customer Lab ID (optional): **CS**

Purchase order no. (optional):



Cosmetics & Toiletries COSMETICS 2019 - 2020

Cosmetics and Toiletries Proficiency Testing Scheme Application Form



For additional information and costs, please contact Customer Services by phone or email:

NEW EU customers Tel: +49 (0)281 9887 250, Email: sales.eu@lgcgroup.com

NEW non-EU customers Tel: +49 (0)281 9887 270, Email: global.sales@lgcgroup.com

Please Note: Due to the German Protection Against Infection Act (IfSG) in effect from 2000, your order for microbial samples cannot be processed until we receive the completed form confirming compliance with the applicable laws of your country.

Please note:

- All prices stated are exclusive of VAT and carriage.
- VAT is payable (at the prevailing rate) by all participants based in the European Union if a VAT Registration Number is not provided.
- Participants will pay an additional fee to cover courier charges. Please contact LGC Standards for up-to-date charges.
- All courier charges set by LGC Standards 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 the round.
- No refunds will be given for failure to take part in any round of the proficiency testing scheme.
- LGC Standards 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 Standards cannot guarantee the number of participants that will return results for any particular round.
- Please note that the prices stated are for reporting results and receiving reports electronically via PORTAL (internet reporting). If alternative data entry or reporting methods are required, further charges apply. Please contact LGC Standards for the current charges.
- By signing this application form, you are agreeing to comply by LGC Standards' Standard Terms and Conditions for the Supply of Laboratory Quality Products and Services.

Existing customers

If you would like to change your marketing preferences, please visit our [preference centre](#) or contact sales.eu@lgcgroup.com [EU customers] or global.sales@lgcgroup.com [non-EU customers]

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

Signature

Date



Pharmaceutical PHARMASSURE 2019 – 2020

Pharmaceutical Analysis Proficiency Testing Scheme Application Form



Please complete all sections below and return to:

LGC Standards GmbH, Mercatorstr. 51, 46485 Wesel, Germany

NEW EU customers Tel: +49 (0)281 9887 250, Fax: +49 (0)281 9887 259, Email: sales.eu@lgcgroup.com

NEW non-EU customers Tel: +49 (0)281 9887 270, Fax: +49 (0)281 9887 279, Email: global.sales@lgcgroup.com

			Samples																		
Round	Despatch Date	Reporting Deadline	1 Must take all rounds	2A	2B*	2E*	3	4A	4B	5	6			7A*	7B*	7C*	8A*	8B*	9	10	
PH069	03 Jun 2019	01 Jul 2019										6A	6B	6C							
PH070	02 Sep 2019	30 Sep 2019										6D	6E	6F							
PH071	25 Nov 2019	06 Jan 2020										6G	6H	6I							
PH072	02 Mar 2020	30 Mar 2020										6J	6K*	6L*							

*Please note that the samples 2B, 2E, 6K, 6L, 7A, 7B, 7C, 8A and 8B are not currently within the scope of LGC's UKAS accreditation and the TRIAL samples 6K and 6L will be run subject to the registration of a sufficient number of participants.

	Not available
1	Please indicate the number of samples required in the relevant boxes above.

CHEMISTRY SAMPLES		
Sample	Supplied as	Target Analyte(s)
1	6 samples 1A-1F (varying volumes)	Basic Chemical Testing
2A	1 sample and reference standard (format will vary from round to round)	HPLC Analysis
2B	5g sample; 1g matrix	Trace elements
2E	2g sample; 1mL spike	Residual solvents
6A	Sample and reference standard**	Gas Chromatography (GC)
6B	1 sample**	UV
6C	250mL sample	Viscosity
6D	1 sample**	Loss on Drying (LOD)
6E	Sample and reference standard**	FTIR
6F	1 sample**	Karl Fischer
6G	Sample, reference standard and TLC plates**	TLC
6H	60mL sample	FLAA
6I	1 sample**	Polarimetry
6J	1 sample**	Advanced Titration
6K TRIAL	1g sample	Nuclear Magnetic Resonance (NMR) Spectrometry
6L TRIAL	1g sample	X-ray Powder Diffraction (XRPD)
7A	Sample and reference standard	Dissolution testing
7B	1 sample	Tablet testing
7C	1 x 10 dosage units and reference standard	Uniformity of dosage units
8A	125mL sample	Low level conductivity (<50 µS/cm)
8B	1 sample	Particulate determination

**Format depends upon type of test material.

Please see overleaf for details of Microbiology samples.



Pharmaceutical PHARMASSURE 2019 – 2020

Pharmaceutical Analysis Proficiency Testing Scheme Application Form



For additional information and costs, please contact Customer Services by phone or email:

NEW EU customers Tel: +49 (0)281 9887 250, Email: sales.eu@lgcgroup.com

NEW non-EU customers Tel: +49 (0)281 9887 270, Email: global.sales@lgcgroup.com

Please Note: Due to the German Protection Against Infection Act (IfSG) in effect from 2000, your order for microbial samples cannot be processed until we receive the completed form confirming compliance with the applicable laws of your country.

Please note:

- All prices stated are exclusive of VAT and carriage.
- VAT (charged at the prevailing rate) is payable by all participants based in the European Union if a VAT Registration Number is not provided.
- Participants will pay an additional fee to cover courier charges. If you would like a guide as to these charges, please contact LGC Standards.
- All courier charges set by LGC Standards 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 for the full year's participation.
- No refunds will be given for failure to take part in any round of the PT scheme or for cancellation of rounds that have already been invoiced.
- LGC Standards 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 Standards 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). If alternative data entry or reporting methods are required, further charges apply. Please contact LGC Standards for the current charges.
- By signing this application form, you are agreeing to comply by LGC Standards' Standard Terms and Conditions for the Supply of Laboratory Quality Products and Services.

Existing customers

If you would like to change your marketing preferences, please visit our [preference centre](#) or contact sales.eu@lgcgroup.com [EU customers] or global.sales@lgcgroup.com [non-EU customers]

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

Signature

Date



Forensic Blood Toxicology QUARTZ 2019 - 2020

Forensic Blood Toxicology Proficiency Testing Scheme Application Form



Please complete all sections below and return to:

LGC Standards GmbH, Mercatorstr. 51, 46485 Wesel, Germany

NEW EU customers Tel: +49 (0)281 9887 250, Fax: +49 (0)281 9887 259, Email: sales.eu@lgcgroup.com

NEW non-EU customers Tel: +49 (0)281 9887 270, Fax: +49 (0)281 9887 279, Email: global.sales@lgcgroup.com

Please tick the following boxes to indicate the samples in which you wish to participate:

Sample	Sample Type	Please tick ✓
1 & 2	Forensic Toxicology	
3	Abuse and Prescribed drug quantification	
4	Blood alcohol quantification	
5*	Alcohol Technical Defence	
6*	New Psychoactive Substances (NPS) quantification	
7*	Synthetic cannabinoid sample: Identification	
8	Toxicology drugs/metabolites in urine: Identification	
9*	New Psychoactive and Synthetic Cannabinoid Urine Screen: Qualitative	

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

Sample Distribution

Round	Despatch Date	Reporting Deadline	Samples								
			1	2	3	4	5	6	7	8	9
QZ077	20 May 2019	05 Jul 2019	✓	✓	✓			✓	✓	✓	✓
QZ078	16 Sep 2019	01 Nov 2019	✓	✓	✓	✓	✓				
QZ079	25 Nov 2019	17 Jan 2020	✓	✓	✓			✓	✓	✓	✓
QZ080	02 Mar 2020	17 Apr 2020	✓	✓	✓	✓	✓				

☒ Sample distributed in this round
 ☐ Sample not available

Forensic Toxicology			
Sample	Quantity	Supplied as	Target Analyte(s)
1	10mL	Blood matrix	Participants will be asked to identify up to 4 drugs relevant to forensic toxicology
2	10mL	Blood matrix	Quantification of a known drug (full identity or generic classification) and interpretation of the results in respect to the case study provided
3	10mL	Blood matrix	Quantification of commonly encountered drugs (alternate rounds of prescription drugs and drugs of abuse)
6	10mL	Blood matrix	Participants are asked to quantify/identify a range of new psychoactive substances (NPS). Two substances are named and are for quantification and a further two substances are not named and are to be identified by screening (quantification results may also be included)
7	10mL	Blood matrix	Participants are asked to screen for synthetic cannabinoids and identify one of the most common synthetic cannabinoids
8	10mL	Urine	Participants are asked to identify up to 4 drugs or metabolites relevant to forensic toxicology
9	10mL	Urine	A urine sample specifically for New Psychoactive Substance screening and may include synthetic cannabinoids. Up to two substances may be present. No interpretation is required



Forensic Blood Toxicology QUARTZ 2019 - 2020

Forensic Blood Toxicology Proficiency Testing Scheme Application Form



Driving Impairment			
Sample	Quantity	Supplied as	Target Analyte(s)
4	10mL	Blood matrix	Quantification of alcohol and fluoride in a blood sample
5	-	Paper exercise	Interpretation of a case study (with analytical data, and a scenario or witness statement) to determine the potential blood alcohol level at a given time

For details on the full technical specification of the scheme, please refer to the QUARTZ Scheme Description. The scheme description is available [here](#).

Please fill in your address details below:

Send Test Materials to:	Send Invoices to:
<div></div>	<div></div>

Send Report Notifications to:	*An email will be sent to this address to notify when the report is available to download from PORTAL, the online reporting system
<div></div>	

Returning customer Lab ID (optional):	<div>QZ</div>	Purchase order no. (optional):	<div></div>
---------------------------------------	---------------	--------------------------------	-------------

For additional information and costs, please contact Customer Services by phone or email:

NEW EU customers Tel: +49 (0)281 9887 250, Email: sales.eu@lgcgroup.com

NEW non-EU customers Tel: +49 (0)281 9887 270, Email: global.sales@lgcgroup.com

Repeat / Extra Samples

For additional samples please state clearly the number of additional samples, sample type(s), and the rounds below.

<div></div>
<div></div>
<div></div>



Forensic Blood Toxicology QUARTZ 2019 - 2020

Forensic Blood Toxicology Proficiency Testing Scheme Application Form



Please note:

- All prices stated are exclusive of VAT and carriage.
- VAT is payable (at the prevailing rate) by all participants based in the European Union if a VAT Registration Number is not provided.
- Participants will pay an additional fee to cover courier charges. Please contact LGC Standards for up-to-date charges.
- All courier charges set by LGC Standards 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 for the full year's participation.
- No refunds will be given for failure to take part in any round of the proficiency testing scheme or for cancellation of rounds that have already been invoiced.
- LGC Standards 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 Standards cannot guarantee the number of participants that will return results for any particular round.
- The prices stated are for reporting results and receiving reports electronically via PORTAL (internet reporting). If alternative data entry or reporting methods are required, further charges apply. Please contact LGC Standards for the current charges.
- By signing this application form, you are agreeing to comply by LGC Standards' Standard Terms and Conditions for the Supply of Laboratory Quality Products and Services.

Existing customers

If you would like to change your marketing preferences, please visit our [preference centre](#) or contact sales.eu@lgcgroup.com [EU customers] or global.sales@lgcgroup.com [non-EU customers]

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

Signature

Date

Form
"Customer Declaration
(Infectious Materials)"

LGC Standards GmbH

Mercatorstr. 51

46485 Wesel

Germany

EU customers: Tel.: +49 (0)281 9887 250;

Fax: +49 (0)281 9887 259;

Email: sales.eu@lgcgroup.com

Non-EU customers: Tel.: +49 (0)281 9887 270;

Fax: +49 (0)281 9887 279;

Email: global.sales@lgcgroup.com



1. Customers in Germany

Any work or contact with pathogenic micro-organisms, or with substances containing pathogenic microorganisms, is regulated by the German Protection Against Infection Act (Infektionsschutzgesetz - IfSG).

According to § 52 of this law, disease causing organisms, as well as substances containing disease causing organisms, may only be supplied to such persons who have a permit according to § 44 of the IfSG; who work under supervision of somebody in possession of a permit; or who do not require a permit according to § 45, sections 1, 2, 3 of the IfSG. This regulation does not apply to state owned medical or veterinary institutions.

Microbiological materials distributed by LGC Standards might contain microorganisms with a biosafety level (BSL) of 1 or 2. These materials contain microorganisms in natural concentrations only.

All customers who order products with the biosafety levels 1 or 2 are therefore formally requested to submit a copy of their permit to work with disease causing organisms according to § 44 of the IfSG, or send us a written statement confirming that they do not need a permit according to § 45 of the IfSG.

- ☐ Copy of the permit to work with disease causing organisms according to §44 of the IfSG enclosed.
- ☐ This permit not required according to § 45 of the IfSG.

Name in print:.....

Company:.....

Signature:.....

Date.....

2. Customers abroad

With this customer declaration, all customers confirm that in using the materials belonging to the biosafety levels 1 and/or 2, they are complying with applicable laws and regulations.

- ☐ Confirmation of compliance with the applicable laws of

Country:

Name in print:.....

Company:.....

Signature:.....

Date:.....

Note: The person signing the form should be identical to the person possessing the permit.

3. Further information

Please visit <http://www.bmg.bund.de> for further information.

<http://www.gesetze-im-internet.de/bundesrecht/ifsg/gesamt.pdf>

United Kingdom Accreditation Service

ACCREDITATION CERTIFICATE



PROFICIENCY TESTING PROVIDER
No. 0001


LGC Limited

is accredited in accordance with the recognised International standard ISO/IEC 17043:2010 - Conformity assessment - General requirements for proficiency testing

This accreditation demonstrates technical competence for a defined scope as detailed in and at the locations specified in the schedule to this certificate.

The schedule to this certificate is an essential accreditation document and from time to time may be revised and reissued by the United Kingdom Accreditation Service. The most recent issue of the schedule of accreditation, which bears the same accreditation number as this certificate, is available from the UKAS website www.ukas.com.

This accreditation is subject to continuing conformity with United Kingdom Accreditation Service requirements. The absence of a schedule on the UKAS website indicates that the accreditation is no longer in force.


Accreditation Manager, United Kingdom Accreditation Service

Initial Accreditation date
4 July 2002

This certificate issued on
30 August 2013

UKAS is appointed as the sole national accreditation body for the UK by The Accreditation Regulations 2009 (SI No 3155/2009) and operates under a Memorandum of Understanding (MoU) with the Department for Business, Innovation and Skills (BIS).

Please note, not all schemes, samples and analytes are part of the UKAS accreditation.



Science for a safer world

For more information please visit:

lgcstandards.com/pt

Whilst every effort has been made to ensure the accuracy of the information in this catalogue, customers are directed to their local sales office or the LGC Standards website for further details and to verify product information. Specifications, terms and pricing are subject to change. LGC does not guarantee availability and reserves the right to discontinue any product. LGC does not accept liability for any loss that is caused by inaccurate product information, customer selection or inappropriate use of a product. Unless otherwise stated all trademarks are the property of LGC or its affiliated group companies. No part of this publication may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying, recording or any retrieval system, without the written permission of the copyright holder. © LGC Limited, 2019. All rights reserved.