



# LGC proficiency testing schemes application forms

April 2015 to March 2016



# Introduction

## Application forms

### Water and environment PT scheme

AIR PT	Analysis of workplace air, ambient air, indoor / chamber air and stack emissions
AQUACHECK	Chemical analysis of waters, agricultural soils and sludges
CONTEST	Analysis of contaminated land

### Clinical PT schemes

DAH*	Drugs of abuse in hair
DAU	Drugs of abuse in urine
DOF	Drugs in oral fluid
TOX	Clinical toxicology analysis in blood, serum, urine, and case studies

\* Currently not included in our scope of accreditation.

### Consumer safety PT schemes

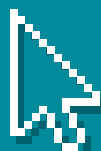
COSMETICS	Chemical and microbiological analysis of cosmetics and toiletries products
PHARMASSURE	Chemical and microbiological analysis of pharmaceutical products, instrument techniques and sterility testing

### Forensic PT schemes

QUARTZ	Forensic toxicological analysis of drugs and alcohol in blood
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## Customer statement

## Accreditation certificate



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LGC Proficiency Testing  
catalogue here



## LGC Standards - your first choice in proficiency testing

LGC is an accredited international provider of Proficiency Testing (PT) schemes also known as External Quality Assessment (EQA) schemes.

We have over thirty years experience in all aspects of providing PT services to laboratories undertaking chemical, clinical, microbiological, and physical testing as well as measurements.

LGC Standards annually runs over 1,500 proficiency testing exercises, serving more than 9,000 laboratories. We produce in excess of 200,000 test materials per annum which are distributed to over 150 countries worldwide.

We offer an unprecedented breadth of PT schemes across a wide range of sectors such as food, beverages, environment, clinical, forensics, consumer safety and industrial.

In addition to the variety of schemes offered, LGC Standards can also provide managed solutions for in-house proficiency testing providers and training for participants and their customers.

For further information contact us:

Tel: [+49 \(0\)281 9887 250](tel:+49(0)2819887250) | Fax: [+49 \(0\)281 9887 259](tel:+49(0)2819887259)

Email: [grm.de@lgcgroup.com](mailto:grm.de@lgcgroup.com)



# AIR PT Application Form 2015 - 2016

Workplace Air, Ambient Air, and Stack Emissions  
Proficiency Testing Scheme



Please complete all sections below and return to:  
**LGC Standards GmbH, Mercatorstr. 51, 46485 Wesel, Germany**  
Tel: +49 (0)281 9887 250, Fax: +49 (0)281 9887 259, Email: [grm.de@lgcgroup.com](mailto:grm.de@lgcgroup.com).

Round	Despatch Date	Reporting Deadline	Samples																															
			1	2X	2F	3	4	5	6	7	8	9*	10 A*	10 B*	10 C*	11	12	13*	14*	15* NEW TRIAL	21	31	32	33	34	35	36	37	38*	39*	40*	41*		
AR007	13 Apr 2015	08 May 2015																																
AR008	05 May 2015	10 Jul 2015																																
AR009	13 Jul 2015	07 Aug 2015																																
AR010	12 Oct 2015	06 Nov 2015																																
AR011	09 Nov 2015	22 Jan 2016																																
AR012	18 Jan 2016	12 Feb 2016																																

\*Please note that these samples are not currently within the scope of LGC's UKAS accreditation and the trial sample 15 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

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





# AIR PT Application Form 2015 - 2016



Workplace Air, Ambient Air, and Stack Emissions  
Proficiency Testing Scheme

## Workplace Air

Sample	Analytes	Test Material
1 <sup>#</sup> Metals	Cadmium; Chromium; Cobalt; Copper; Iron; Manganese; Nickel; Lead; Zinc	4 x spiked membrane filters 25mm Ø
2X - XRD Quartz	Respirable grade quartz by XRD	4 x dynamically loaded PVC GLA5000 filters 25mm Ø
2F - FTIR Quartz	Respirable grade quartz by FTIR	4 x dynamically loaded PVC GLA5000 filters 25mm Ø
3 <sup>**</sup> Dust	Dust by gravimetry (mass of solids)	4 x spiked glass fibre filters 25mm Ø
4 <sup>**</sup> Dust	Dust by gravimetry (mass of solids)	4 x spiked glass fibre filters 37mm Ø

<sup>#</sup>For sample 1, the manganese measurand is not currently included in LGC Standards' UKAS scope of accreditation.

<sup>\*\*</sup>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 3 for further details.

5 VOCs	Benzene; Toluene; Xylene; Ethyl benzene	4 x dynamically loaded charcoal sorbent tubes (workplace air levels)
6 VOCs	1,1,1-Trichloroethane; n-Hexane; n-Butyl acetate; Tetrachloroethene, Trichloroethylene	4 x dynamically loaded charcoal sorbent tubes (workplace air levels)
7 VOCs	Benzene; Toluene; Xylene; Ethyl benzene	4 x dynamically loaded Tenax thermal desorption tubes (workplace air levels)
8 Formaldehyde	Formaldehyde, Acetaldehyde	4 x spiked glass fibre filters 25mm Ø
9 <sup>##</sup> Cr (VI)	Chromium (VI)	4 x spiked NaOH treated Millipore PVDF filters 25 mm Ø
10A* Metals	Chromium, Cobalt, Copper, Iron, Manganese, Nickel, Zinc	1 x bulk welding fume sample
10B* Lead	Lead	1 x bulk lead-containing dust sample
10C* Metal	Cadmium, Chromium, Cobalt, Copper, Iron, Manganese, Nickel, Lead, Zinc	1 x bulk metal ore/refinery dust sample
<b>NEW 15<sup>##</sup></b> <b>TRIAL</b> Lactose	Lactose (surrogate particle tracer)	4 x spiked glass fibre filters 25mm Ø

<sup>##</sup>Samples 9 and 15 are not included in LGC Standards' UKAS scope of accreditation.

\*For sample 10A, 10B and 10C, one or more of the above elements will be included in each round. These samples are also not included in LGC Standards' UKAS scope of accreditation.

## Ambient Air

Sample	Analytes	Test Material
11 NO <sub>2</sub>	Nitrogen dioxide (as nitrite)	4 x dynamically loaded Palmes type diffusion tubes
12 VOCs	Benzene; Toluene; Xylene; Ethyl benzene	4 x dynamically loaded Tenax thermal desorption tubes (ambient air levels)
13 <sup>##</sup> Metals	Cadmium; Nickel; Lead; Arsenic	4 x spiked quartz fibre filters 47mm Ø
14 <sup>##</sup> Anions on filters	Chloride, Nitrate, Sulfate	4 x spiked quartz fibre filters 47 mm Ø

<sup>##</sup>Sample 13 and 14 are not included in LGC Standards' UKAS scope of accreditation.



V1

LGC Standards GmbH, Mercatorstr. 51, 46485 Wesel, Germany  
Tel: +49 (0)281 9887 250, Fax: +49 (0)281 9887 259  
Email: [grm.de@lqcgroup.com](mailto:grm.de@lqcgroup.com), Web: [www.lgcstandards.com](http://www.lgcstandards.com)

Page 2 of 5



# AIR PT Application Form 2015 - 2016



Workplace Air, Ambient Air, and Stack Emissions  
Proficiency Testing Scheme

## Indoor/Chamber Air

Sample	Analytes	Test Material
21 VOCs (Material Emission Testing)	Up to 13 components, including Benzene; n-Hexane; Toluene; Butyl acetate; MIBK; Cyclohexanone; p-Xylene; a-Pinene; Phenol; 124-TMB; Limonene; 4-PCH; Dodecane)	4 x dynamically loaded Tenax thermal desorption tubes at chamber air levels

## Stack Emissions

Sample	Analytes	Test Material
31 Mercury	Volume; Mercury	1 x potassium permanganate & sulfuric acid impinger solution containing mercury
32 Mercury	Volume; Mercury	1 or 2 x Potassium dichromate & nitric acid impinger solution containing mercury
33 Metals	Volume; Cadmium; Nickel; Lead; Arsenic; Antimony; Chromium; Cobalt; Copper; Manganese; Thallium; Vanadium	1 x nitric acid impinger solution containing up to 6 trace metals
34 Sulfur dioxide	Volume; Sulfur dioxide	1 x hydrogen peroxide impinger solution containing SO <sub>2</sub>
35 Hydrogen fluoride	Volume; Hydrogen fluoride	1 x sodium hydroxide impinger solution containing HF
36 Hydrogen chloride	Volume; Hydrogen chloride	1 x aqueous impinger solution containing hydrogen chloride
37 Ammonia	Volume; Ammonia	1 x sulfuric acid impinger solution containing ammonia
38 <sup>##</sup> Metals	Cadmium; Nickel; Lead; Arsenic; Antimony; Chromium; Cobalt; Copper; Manganese; Thallium; Vanadium	1 x quartz filter spiked with up to 6 trace elements and fly ash 47 mm Ø
39 <sup>##</sup> Dust analysis (solution)	Total solids	1 x rinsing solution containing dissolved and suspended solids
40* Dust analysis (filter)	Dust analysis (mass of solids)	4 x spiked quartz filters 47 mm Ø
41 <sup>##</sup> NO <sub>x</sub>	Volume; Nitrogen oxides (determined as NO <sub>2</sub> )	1 x variable volume 4% m/m potassium permanganate/2% m/m sodium hydroxide impinger solution containing potassium nitrate

\* 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 below for further details. Sample 40 is not included in LGC Standards' UKAS scope of accreditation.

<sup>##</sup> Samples 38, 39 and 41 are not included in LGC Standards' UKAS scope of accreditation.



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Page 3 of 5



# AIR PT Application Form 2015 - 2016



Workplace Air, Ambient Air, and Stack Emissions  
Proficiency Testing Scheme

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

For the dust filter samples (3, 4 and 40), four quartz 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
AR008	05 May 2015	29 May 2015	22 Jun 2015	10 Jul 2015
AR011	09 Nov 2015	04 Dec 2015	04 Jan 2016	22 Jan 2016

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

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 email: grm.de@lgcstandards.com or by telephone: +49 (0)281 9887 250.

## Extra sample costs

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

- Additional (or repeat) samples for samples 7, 12 and 21 (those with Tenax thermal desorption tubes) may be purchased but will be charged at full price (prices indicated above, pages 1-3).
- Additional samples for the filter samples 3, 4 and 40 may be purchased but will be charged at full price; however, repeat samples (after the reporting deadline) cannot be purchased.
- Additional (or repeat) samples for samples 1, 5, 6, and 13 may be purchased.
- Additional samples for sample 8, 9, 10A, 10B, 10C, 14 and 15 may be purchased; however, repeat samples (after the reporting deadline) cannot be purchased.
- Additional (or repeat) samples for all Stack emission samples 31-39 and 41, may be purchased.
- Additional (or repeat) samples for samples 2 and 11 are not available at this time.



V1

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Page 4 of 5





# AIR PT Application Form 2015 - 2016



Workplace Air, Ambient Air, and Stack Emissions  
Proficiency Testing Scheme

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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, and 21 are the Perkin Elmer type (6.4mm OD, 5 mm ID and 90 mm long); however, it may be possible to also accommodate Gerstel 6mm OD, 4 mm ID and 178 mm 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 € 350,00 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.

LGC Standards would like to be able to contact you from time to time with information about the LGC Group, its activities, products and services. By completing and returning this form to us, you agree to your personal information being used by LGC Standards and other members of the LGC Group for the administration and provision of our products and services and for related marketing activities. You can change your marketing preferences at any time by emailing [grm.de@lgcgroup.com](mailto:grm.de@lgcgroup.com)

Signature .....

Date .....



V1

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Page 5 of 5







# Aquacheck Application Form 2015 - 2016

Aquacheck Proficiency Testing Scheme



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):

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)	
<b>N.B:</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)	



# Aquacheck Application Form 2015 - 2016

Aquacheck Proficiency Testing Scheme



Sample	Clean Waters - Organic	Round number(s) required
6A	Haloforms and Chlorinated Solvents	
6B <sup>#</sup>	Phenols	
6C	Benzene, Toluene and Xylenes	
7A <sup>#</sup>	Organochlorine Pesticides	
7B	Chlorinated Solvents	
7C	Polycyclic Aromatic Hydrocarbons	
7D	Polychlorinated Biphenyls	
8 <sup>#</sup>	Acid Herbicides	
8B <sup>#</sup>	Triazines and Urea Herbicides	
9 <sup>#</sup>	Organophosphorus Pesticides	
26	PFOS and PFOA	
28	Formaldehyde	
33 <sup>##</sup>	Chlorophyll <i>a</i>	

<sup>#</sup> Please note that certain analytes within these samples are not included in the scope of LGC Standards' accreditation. Please check the Aquacheck Scheme Description for further details.

<sup>##</sup> Please note that sample 33 is not currently within the scope of LGC Standards' accreditation.

Sample	Waste Waters and Effluents – Inorganic and Nutrients	Round number(s) required
10	Nutrients and other analytes	
11	Non-specific Analytes	
12 <sup>#</sup>	Metals (Preserved in 0.5% Nitric Acid)	
12C	Chromium (VI) in Waste Water	
15	Settleable Solids	
29	High and Low COD	

<sup>#</sup> Please note that certain analytes within these samples are not included in the scope of LGC Standards' accreditation. Please check the Aquacheck Scheme Description for further details.

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

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



# Aquacheck Application Form 2015 - 2016

Aquacheck Proficiency Testing Scheme



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 <sup>##</sup>	Sulfide	

<sup>##</sup>Please note that sample 32 is not currently within the scope of LGC Standards' accreditation.

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

<sup>#</sup>Please note that certain analytes within these samples are not included in the scope of LGC Standards' accreditation. Please check the Aquacheck Scheme Description for further details.

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	

Sample	Ecotoxicology	Round number(s) required
50	Ecotoxicology Tests	

For details on the full technical specification of the samples please refer to the Aquacheck Scheme Description.



# Aquacheck Application Form 2015 - 2016

Aquacheck Proficiency Testing Scheme



## Water Framework Directive – Sample 34<sup>##</sup>

Please indicate the required samples below.

Samples in round	Despatch Date	Reporting Deadline	Sample				
			34A	34B	34C	34D	34E
AQ486	11 May	08 Jun					

Samples in round	Despatch Date	Reporting Deadline	34F	34G	34H	34I	34J
AQ496	26 Oct	23 Nov					

A full description of the samples can be found in the Scheme Description.

## Aquacheck Trial Samples<sup>##</sup>

Please indicate the samples required below:

Round	Despatch Date	Reporting Deadline	Sample	Sample required (please tick)
AQ484	13 Apr	11 May	BOD/COD at high concentration <b>NEW</b>	
AQ485	27 Apr	26 May	Taste and odour	
AQ486	11 May	08 Jun	Triclosan	
AQ487	01 Jun	29 Jun	Haloacetic Acids <b>NEW</b>	
AQ488	15 Jun	13 Jul	Acrylamide	
			M-Certs	
AQ489	29 Jun	27 Jul	UV - Absorbing Organic Constituents (254 nm)	
AQ490	13 Jul	10 Aug	Geosmin and methyl isoborneol	
AQ491	03 Aug	01 Sep	Cations and anions in High Salinity Water	
AQ492	24 Aug	21 Sep	Synthetic pyrethroid insecticides <b>NEW</b>	
AQ493	14 Sep	12 Oct	Semi-volatile Organic Compounds	
			Uranium/Plutonium	
AQ494	28 Sep	26 Oct	BOD/COD at high concentration <b>NEW</b>	
AQ495	12 Oct	09 Nov	Taste and odour	
AQ496	26 Oct	23 Nov	Process water <b>NEW</b>	
AQ497	16 Nov	14 Dec	Pharmaceuticals/EDTA	
AQ498	30 Nov	11 Jan 2016	Acrylamide	
			M-Certs	
AQ499	14 Dec	25 Jan	UV - Absorbing Organic Constituents (254 nm)	
AQ500	18 Jan 2016	15 Feb	Microcystin-LR <b>NEW</b>	
			Perchlorate <b>NEW</b>	
AQ501	01 Feb	29 Feb	Geosmin and methyl isoborneol	
AQ502	15 Feb	14 Mar	Fungicides	
AQ503	29 Feb	29 Mar	Semi-volatile Organic Compounds	
			Uranium/Plutonium	

**## 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.**



# Aquacheck Application Form 2015 - 2016

Aquacheck Proficiency Testing Scheme



For additional information and costs, please contact Customer Services by email: [grm.de@lgcstandards.com](mailto:grm.de@lgcstandards.com) or by telephone: +49 (0)281 9887 250.

### Extra samples

For additional samples, please state clearly your requirements 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. 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 Conditions for the Supply of Laboratory Quality Products and Services.

LGC Standards would like to be able to contact you from time to time with information about the LGC Group, its activities, products and services. By completing and returning this form to us, you agree to your personal information being used by LGC Standards and other members of the LGC Group for the administration and provision of our products and services and for related marketing activities. You can change your marketing preferences at any time by emailing [grm.de@lgcgroup.com](mailto:grm.de@lgcgroup.com)

Signature .....

Date .....





# CONTEST Application Form 2015 - 2016

Contaminated Land Proficiency Testing Scheme



0001

Please complete all the relevant sections of the application form indicating the samples required and return to:

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

Tel: +49 (0)281 9887 250, Fax: +49 (0)281 9887 259, Email: [grm.de@lgcgroup.com](mailto:grm.de@lgcgroup.com)

Round	Despatch Date	Reporting Deadline	Level of Participation	Samples								
				A	B	C	D	E	BTEX (22)	TPH (23)	VOCs (25)	OCs (26)
CN096	20 Apr 2015	18 May 2015	Full									
			Reduced									
CN097	22 Jun 2015	20 Jul 2015	Full									
			Reduced									
CN098	01 Sep 2015	28 Sep 2015	Full									
			Reduced									
CN099	09 Nov 2015	07 Dec 2015	Full									
			Reduced									
CN100	25 Jan 2016	22 Feb 2016	Full									
			Reduced									

Not available

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: 3c
	Reduced	Soil sample only: 3c
D - LEACHATE	Soil sample: 18.	
E - WAC	Soils for Waste Acceptance Criteria Soil sample: 21. Leachate material: 24*	
BTEX in Soil	Sample 22* includes soil sample and standard solution	
Total Hydrocarbons in Soil	Sample 23* includes soil sample and standard solution	
VOCs in Soil	Sample 25* includes soil sample and standard solution	
Organochlorine Pesticides in Soil	Sample 26* includes soil sample and standard solution	

\*Please note that samples 22 (BTEX), 23 (TPH in Soil), 24 (Leachate), 25 (VOCs in Soil) and 26 (OCs in Soil) 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.**



# CONTEST Application Form 2015 - 2016

Contaminated Land Proficiency Testing Scheme



Please fill in your address details below:

Send Test Materials to:	Send Invoices to:

<b>Send Report Notifications to:</b>

\*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):

### 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	
CN096																								
CN097																								
CN098																								
CN099																								
CN100																								

For additional information and costs, please contact Customer Services by email: [grm.de@lgcgroup.com](mailto:grm.de@lgcgroup.com) or by telephone: +49 (0)281 9887 250.

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.



# CONTEST Application Form 2015 - 2016

Contaminated Land Proficiency Testing Scheme



- All courier charges set by LGC Standards Proficiency Testing do not include local import charges, taxes (etc.), which will be covered by the participant.
- 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.

LGC Standards would like to be able to contact you from time to time with information about the LGC Group, its activities, products and services. By completing and returning this form to us, you agree to your personal information being used by LGC Standards and other members of the LGC Group for the administration and provision of our products and services and for related marketing activities. You can change your marketing preferences at any time by emailing [grm.de@lgcgroup.com](mailto:grm.de@lgcgroup.com)

Signature .....

Date .....



# DAH Application Form 2015 - 2016

Drugs of Abuse in Hair Proficiency Testing Scheme

Please complete all sections below and return to:  
**LGC Standards GmbH, Mercatorstr. 51, 46485 Wesel, Germany**  
Tel: +49 (0)281 9887 280, Fax: +49 (0)281 9887 279, Email: [tox.de@lgcgroup.com](mailto:tox.de@lgcgroup.com)

Please tick the rounds in which you wish to participate:

Round	Despatch Date	Reporting Deadline	Please tick ✓
DH009	11 May 2015	08 Jun 2015	
DH010	14 Sep 2015	12 Oct 2015	
DH011	07 Dec 2015	11 Jan 2016	
DH012	21 Mar 2016	18 Apr 2016	

## Sample Details

Participants will receive the following samples in each selected round:

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

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

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):



# DAH Application Form 2015 - 2016

Drugs of Abuse in Hair Proficiency Testing Scheme

For additional information and costs, please contact Customer Services by email: [tox.de@lgcgroup.com](mailto:tox.de@lgcgroup.com) or by telephone: +49 (0)281 9887 280.

### **Extra samples**

For additional samples, please state clearly your requirements below.

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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.

LGC Standards would like to be able to contact you from time to time with information about the LGC Group, its activities, products and services. By completing and returning this form to us, you agree to your personal information being used by LGC Standards and other members of the LGC Group for the administration and provision of our products and services and for related marketing activities. You can change your marketing preferences at any time by emailing [tox.de@lgcgroup.com](mailto:tox.de@lgcgroup.com)

Signature .....

Date .....



# DAU Application Form 2015 - 2016

Drugs of Abuse in Urine Proficiency Testing Scheme



Please complete all sections below and return to:  
**LGC Standards GmbH, Mercatorstr. 51, 46485 Wesel, Germany**  
Tel: +49 (0)281 9887 280, Fax: +49 (0)281 9887 279, Email: [tox.de@lgcgroup.com](mailto:tox.de@lgcgroup.com)

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

		Please tick one ✓
<b>Full membership</b>	Subscription per annum for all rounds	
<b>Screening-only</b>	Subscription per annum for all rounds	

### Important notes regarding membership

**Full membership:** 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	Methaqualone 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 membership.

For further details on the technical specification of the scheme, please refer to the DAU Scheme Description.

### Sample Distribution

Round	Despatch Date	Reporting Deadline	Full membership	Screening-only
DU116	20 Apr 2015	26 May 2015	✓	✓
DU117	20 Jul 2015	24 Aug 2015	✓	✓
DU118	19 Oct 2015	23 Nov 2015	✓	✓
DU119	18 Jan 2016	22 Feb 2016	✓	✓

Samples distributed in this round

### Reporting Thresholds

Please tick the relevant box to indicate the required reporting threshold:

Reporting thresholds	Scheme Clinical	European Workplace testing
Please tick one ✓		





# DAU Application Form 2015 - 2016

Drugs of Abuse in Urine Proficiency Testing Scheme



Two ranges of reporting thresholds can be used by participants; first are clinical cut-offs proposed by the Scheme Advisory Committee and second are the more stringent thresholds defined in the European Laboratory Guidelines for Legally Defensible Workplace Drug Testing version 1.0, 2002 (<http://www.ewdts.org/data/uploads/documents/ewdtsguidelines.pdf>).

Screening tests	Scheme clinical threshold µg/L	European workplace testing threshold µg/L	Individual analytes	Scheme clinical threshold µg/L	European workplace testing threshold µg/L
Amfetamines Screen	1000	500	Amfetamine Methyl-amfetamine MDMA / MDA / MDEA Other amfetamine compound	1000 1000 1000 -	200 200 200 200
Barbiturates Screen	300	200	Specific barbiturate	300	150
Cannabinoid Screen	50	50	Delta-9-THC-COOH	15	15
Cocaine and Metabolite Screen	300	300	Benzoylecgonine Cocaine	300 3000	150 -
Benzodiazepine Screen	300	200	Specific benzodiazepine	300	100
Methadone and Metabolite Screen EDDP Screen	300	300	Methadone EDDP	300 300	250 250
Propoxyphene and Metabolite Screen	-	300	Propoxyphene or metabolites	-	300
Opiates Screen (total)	300	300	Morphine (total) 6-monoacetylmorphine Codeine (total) Dihydrocodeine (total)	300 10 2000 2000	300 10 300 300
Buprenorphine and Metabolite Screen	5	5	Buprenorphine or Metabolites	5	5
Phencyclidine Screen	25	25	Phencyclidine	25	25
LSD and Metabolite Screen	1	1	LSD or metabolites	1	1
Methaqualone Screen	-	300	Methaqualone	-	300

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):



# DAU Application Form 2015 - 2016

Drugs of Abuse in Urine Proficiency Testing Scheme



For additional information and costs, please contact Customer Services by email: [tox.de@lgcgroup.com](mailto:tox.de@lgcgroup.com) or by telephone: +49 (0)281 9887 280.

### Extra samples

For additional samples, please state clearly your requirements below.

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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.

LGC Standards would like to be able to contact you from time to time with information about the LGC Group, its activities, products and services. By completing and returning this form to us, you agree to your personal information being used by LGC Standards and other members of the LGC Group for the administration and provision of our products and services and for related marketing activities. You can change your marketing preferences at any time by emailing [tox.de@lgcgroup.com](mailto:tox.de@lgcgroup.com)

Signature .....

Date .....



# DOF Application Form 2015 - 2016



Drugs of Abuse in Oral Fluid Proficiency Testing Scheme

Please complete all sections below and return to:  
**LGC Standards GmbH, Mercatorstr. 51, 46485 Wesel, Germany**  
 Tel: +49 (0)281 9887 280, Fax: +49 (0)281 9887 279, Email: [tox.de@lgcgroup.com](mailto:tox.de@lgcgroup.com).

Please tick the following box to confirm your participation:

<b>I wish to participate in the Drugs in Oral Fluid Scheme</b>	<b>Please tick ✓</b>

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

### Sample Distribution

Round	Despatch Date	Reporting Deadline
DO116	15 Jun 2015	20 Jul 2015
DO117	14 Sep 2015	19 Oct 2015
DO118	30 Nov 2015	04 Jan 2016
DO119	07 Mar 2016	11 Apr 2016

### Sample Details

Participants will receive three samples at quarterly intervals with 4 weeks being allowed for drug analysis. The samples consist of 1.7ml volume of oral fluid obtained from volunteers and known drug users.

Participants report on the major misused drug groups, reporting 'detected or "not detected" to scheme thresholds.

**For further details on the technical specification of the scheme, please refer to the Drugs in Oral Fluid Scheme Description**

Please fill in your address details below:

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

<b>Send Report Notifications to:</b>

\*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):



# DOF Application Form 2015 - 2016



Drugs of Abuse in Oral Fluid Proficiency Testing Scheme

For additional information and costs, please contact Customer Services by email: [tox.de@lgcgroup.com](mailto:tox.de@lgcgroup.com) or by telephone: +49 (0)281 9887 280.

### Extra samples

For additional samples, please state clearly your requirements below.

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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.

LGC Standards would like to be able to contact you from time to time with information about the LGC Group, its activities, products and services. By completing and returning this form to us, you agree to your personal information being used by LGC Standards and other members of the LGC Group for the administration and provision of our products and services and for related marketing activities. You can change your marketing preferences at any time by emailing [tox.de@lgcgroup.com](mailto:tox.de@lgcgroup.com)

Signature .....

Date .....



# TOX Application Form 2015 - 2016

Toxicology Proficiency Testing Scheme



Please complete all sections below and return to:  
**LGC Standards GmbH, Mercatorstr. 51, 46485 Wesel, Germany**  
 Tel: +49 (0)281 9887 280, Fax: +49 (0)281 9887 279, Email: [tox.de@lgcgroup.com](mailto:tox.de@lgcgroup.com)

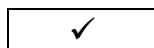
Please tick the following boxes to indicate the samples in which you wish to participate:

Sample	Sample Type	Please tick ✓
SM	Quantitative - serum	
BLD	Quantitative - blood	
URN	Quantitative - urine	
CAS	Toxicology case studies	
QT	Whole blood quantitative toxicology	
TAK	Quantitative – Toxic alcohols and acetone	
GHB	Quantitative – Gammahydroxybutyrate	
BNZ*	Quantitative – Benzodiazepine mix in serum	
ZMIX*	Quantitative – Z-Drug mix in serum	

\*These samples are not currently included in LGC Standards' UKAS Scope of Accreditation

## Sample Distribution

Round	Despatch Date	Reporting Deadline	Samples								
			SM	BLD	URN	CAS	QT	TAK	GHB	BNZ	ZMIX
TX160	13 Apr 2015	11 May 2015	✓	✓	✓		✓				
TX161	11 May 2015	08 Jun 2015	✓	✓	✓			✓	✓		
TX162	11 May 2015	22 Jun 2015				✓					
TX163	15 Jun 2015	13 Jul 2015	✓	✓	✓					✓	✓
TX164	13 Jul 2015	10 Aug 2015	✓	✓	✓		✓				
TX165	10 Aug 2015	07 Sep 2015	✓	✓	✓						
TX166	10 Aug 2015	21 Sep 2015				✓					
TX167	14 Sep 2015	12 Oct 2015	✓	✓	✓					✓	✓
TX168	12 Oct 2015	09 Nov 2015	✓	✓	✓		✓				
TX169	09 Nov 2015	07 Dec 2015	✓	✓	✓			✓	✓		
TX170	09 Nov 2015	21 Dec 2015				✓					
TX171	14 Dec 2015	18 Jan 2016	✓	✓	✓					✓	✓
TX172	11 Jan 2016	08 Feb 2016	✓	✓	✓		✓				
TX173	08 Feb 2016	07 Mar 2016	✓	✓	✓						
TX174	08 Feb 2016	21 Mar 2016				✓					
TX175	14 Mar 2016	11 Apr 2016	✓	✓	✓					✓	✓



Sample distributed in this round



Sample not available



# TOX Application Form 2015 - 2016

Toxicology Proficiency Testing Scheme



## Sample Details

Sample	Sample Type	Test	Description
SM	Quantitative – serum	Ethanol; Paracetamol (Acetaminophen); Salicylic acid	3 x liquid serum samples
BLD	Quantitative – blood	Ethanol; Paracetamol (Acetaminophen); Salicylic acid; Carboxyhaemoglobin	1 x liquid blood sample
URN	Quantitative – urine	Ethanol	1 x liquid urine sample
CAS	Toxicology case studies	Participants should report results, toxicological involvement and treatment options	1 x serum sample; 1 x urine sample; scenario
QT	Whole blood quantitative toxicology	Participants should report quantitative data on specified analytes	2 x human blood samples
TAK	Quantitative – Toxic alcohols and acetone	Ethanol; Methanol; Isopropylalcohol (IPA); Ethylene Glycol; Acetone	1 x liquid blood sample
GHB	Quantitative – Gammahydroxybutyrate	Gammahydroxybutyrate	3 x lyophilised urine sample
BNZ*	Quantitative – Benzodiazepine mix in serum	Diazepam, Nordazepam, Temazepam, Oxazepam and Nitrazepam	2 x 4 ml samples of lyophilised human serum
ZMIX*	Quantitative – Z-Drug mix in serum	Zopiclone, Zaleplon and Zolpidem	2 x 4 ml samples of lyophilised human serum

\*These samples are not currently included in LGC Standards' UKAS Scope of Accreditation

For further details on the technical specification of the scheme, please refer to the TOX Scheme Description.

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):





# TOX Application Form 2015 - 2016

Toxicology Proficiency Testing Scheme



For additional information and costs, please contact Customer Services by email: [tox.de@lgcgroup.com](mailto:tox.de@lgcgroup.com) or by telephone: +49 (0)281 9887 280.

### Extra samples

For additional samples, please state clearly your requirements below.

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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.
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- 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.
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- 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.

LGC Standards would like to be able to contact you from time to time with information about the LGC Group, its activities, products and services. By completing and returning this form to us, you agree to your personal information being used by LGC Standards and other members of the LGC Group for the administration and provision of our products and services and for related marketing activities. You can change your marketing preferences at any time by emailing [tox.de@lgcgroup.com](mailto:tox.de@lgcgroup.com)

Signature .....

Date .....

LGC Standards GmbH, Mercatorstr. 51, 46485 Wesel, Germany  
Tel: +49 (0)281 9887 280, Fax: +49 (0)281 9887 279  
Email: [tox.de@lgcgroup.com](mailto:tox.de@lgcgroup.com), Web: [www.lgcstandards.com](http://www.lgcstandards.com)



# COSMETICS Application Form 2015 - 2016

Cosmetics and Toiletries Proficiency Testing Scheme



Please complete all the relevant sections of the application form indicating the samples required and return to:

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

Tel: +49 (0)281 9887 250, Fax: +49 (0)281 9887 259, Email: [grm.de@lgcgroup.com](mailto:grm.de@lgcgroup.com)

Round	Despatch Date	Reporting Deadline	Samples										
			10	13	16	19	20	21	22	23	24*	25* TRIAL	NEW 26* TRIAL
CS018	18 May 2015	12 Jun 2015											
CS019	24 Aug 2015	18 Sep 2015											
CS020	23 Nov 2015	18 Dec 2015											
CS021	15 Feb 2016	11 Mar 2016											

<b>1</b>	Please indicate the number of samples required in the relevant boxes above
	Not available

Microbiological samples			
Sample	Target Organism(s)	Test	Format
10	Aerobic mesophilic bacteria	Enumeration; Presence/Absence	Vial + 10g Powder sample
	<i>Staphylococcus aureus</i>	Enumeration; Presence/Absence	
	Yeast and mould (total count)	Enumeration	
	Enterobacteriaceae	Enumeration	
	<i>Pseudomonas aeruginosa</i>	Enumeration; Presence/Absence	
13	Aerobic mesophilic bacteria	Enumeration; Presence/Absence	Vial + 10g Cream sample
	<i>Staphylococcus aureus</i>	Enumeration; Presence/Absence	
	Yeast and mould (total count)	Enumeration	
	Enterobacteriaceae	Enumeration	
	<i>Pseudomonas aeruginosa</i>	Enumeration; Presence/Absence	
16	Aerobic mesophilic bacteria	Enumeration; Presence/Absence	Vial + 10ml Liquid sample
	<i>Staphylococcus aureus</i>	Enumeration; Presence/Absence	
	Yeast and mould (total count)	Enumeration	
	Enterobacteriaceae	Enumeration	
	<i>Pseudomonas aeruginosa</i>	Enumeration; Presence/Absence	
	<i>Escherichia coli</i>	Presence/Absence	

Chemistry samples		
Sample	Test	Format
19	Arsenic [NEW]; Cadmium; Chromium; Lead; Mercury [NEW]; Nickel	5g Lipstick
20	Arsenic [NEW]; Cadmium; Chromium; Lead; Mercury [NEW]; Nickel	5g Lip gloss
21	Arsenic [NEW]; Cadmium; Chromium; Lead; Mercury [NEW]; Nickel	5g Powder sample
22	Hydroquinone	5ml Cream sample
23	pH; Viscosity; Density	250 mL Liquid cosmetic sample
24	Antimony; Arsenic; Barium; Copper; Fluoride; Mercury; Selenium; Zinc	125mL Mouthwash sample
25* TRIAL	Antimony; Arsenic; Barium; Copper; Fluoride; Mercury; Selenium; Zinc	25g toothpaste sample
NEW 26* TRIAL	SPF <i>in vitro</i> (Sun Protection Factor)	25ml Cream sample

\*Please note that these materials are not currently included in our UKAS scope of accreditation. Furthermore, please note that trial samples 25 and 26 will be run subject to the registration of a sufficient number of participants.

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



# COSMETICS Application Form 2015 - 2016

Cosmetics and Toiletries Proficiency Testing Scheme



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 email: [grm.de@lgcgroup.com](mailto:grm.de@lgcgroup.com) or by telephone: +49 (0)281 9887 250.

Please note: Due to the German Protection Against Infection Act (IfSG) from 2000, your order of microbiological samples cannot be processed until we receive the completed customer declaration form concerning the confirmation of 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.



# COSMETICS Application Form 2015 - 2016

Cosmetics and Toiletries Proficiency Testing Scheme



- 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.

LGC Standards would like to be able to contact you from time to time with information about the LGC Group, its activities, products and services. By completing and returning this form to us, you agree to your personal information being used by LGC Standards and other members of the LGC Group for the administration and provision of our products and services and for related marketing activities. You can change your marketing preferences at any time by emailing [grm.de@lgcgroup.com](mailto:grm.de@lgcgroup.com)

Signature .....

Date .....



# PHARMASSURE

## Application Form 2015 - 2016

Pharmaceutical Analysis Proficiency Testing Scheme



Please complete all sections below and return to:  
**LGC Standards GmbH, Mercatorstr. 51, 46485 Wesel, Germany,**  
 Tel: +49 (0)281 9887 270, Fax: +49 (0)281 9887 279, Email: [pharma.de@lgcgroup.com](mailto:pharma.de@lgcgroup.com).

Round	Despatch Date	Reporting Deadline	Samples								
			1 Must take all rounds	2	2A	2B*	2C*	2D*	3	4	5
PH053	01 Jun 2015	29 Jun 2015									
PH054	07 Sep 2015	05 Oct 2015									
PH055	30 Nov 2015	04 Jan 2016									
PH056	07 Mar 2016	04 Apr 2016									

\*Please note that the samples 2B, 2C and 2D are not currently within the scope of LGC Standards' accreditation.

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

Samples provided are as follows:

Sample	Test	Presentation
1	Basic Chemical Testing	6 samples 1A-1F (varying volumes)
2	Advanced Chemical Testing Round PH053 – Gas Chromatography (GC), UV, Viscosity Round PH054 – Loss on Drying (LOD), FTIR Round PH055 – Karl Fischer, TLC, FLAA Round PH056 - Polarimetry/Advanced titration	Sample format will depend upon test type
2A	HPLC Analysis	1 sample (format will vary from round to round)
2B	Trace elements	1 x 5g sample
2C	Dissolution/Tablet testing Round PH053 – Dissolution testing Round PH055 – Tablet testing	1 sample (format information to be provided on the preparation instructions each round)
2D	Solution testing Round PH054 – Low level conductivity (<50 µS/cm) Round PH056 – Particulate contamination	1 x 125ml sample
3	Low-level enumeration and identification of microorganism	1 x 10mL vial (final volume 1mL identification only or 100mL identification & enumeration)
4	Total aerobic mesophilic count; Total bacterial count; Enumeration and/or detection of <i>Staphylococcus aureus</i> ; Enumeration and/or detection of <i>Escherichia coli</i> ; Yeast count; Mould count; Total yeast and mould count; Enumeration and/or detection of <i>Candida albicans</i>	1 x 10mL vial (final volume 100mL)
5	Sterility; Identification of microorganisms	5 x 5mL vials (final volume 100mL)

**For details on the full technical specification of the scheme please refer to the PHARMASSURE Scheme Description.**



# PHARMASSURE

## Application Form 2015 - 2016

Pharmaceutical Analysis Proficiency Testing Scheme



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 email: [pharma.de@lgcgroup.com](mailto:pharma.de@lgcgroup.com) or by telephone: +49 (0)281 9887 270.

**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 customer declaration 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.





# PHARMASSURE

## Application Form 2015 - 2016

Pharmaceutical Analysis 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 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.

LGC Standards would like to be able to contact you from time to time with information about the LGC Group, its activities, products and services. By completing and returning this form to us, you agree to your personal information being used by LGC Standards and other members of the LGC Group for the administration and provision of our products and services and for related marketing activities. You can change your marketing preferences at any time by emailing [pharma.de@lgcgroup.com](mailto:pharma.de@lgcgroup.com)

Signature .....

Date .....



# QUARTZ Application Form 2015 - 2016



Forensic Blood Toxicology Proficiency Testing Scheme

Please complete all sections below and return to:  
**LGC Standards GmbH, Mercatorstr. 51, 46485 Wesel, Germany**  
 Tel: +49 (0)281 9887 280, Fax: +49 (0)281 9887 279, Email: [tox.de@lgcgroup.com](mailto:tox.de@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 Substance (NPS) quantification	

\*\*Please note that samples 5 and 6 are not currently within the scope of LGC Standards' accreditation.

## Sample Distribution

Round	Despatch Date	Reporting Deadline	Samples					
			1	2	3	4	5	6
QZ061	08 Jun 2015	24 Jul 2015	✓	✓	✓			✓
QZ062	07 Sep 2015	23 Oct 2015	✓	✓	✓	✓	✓	
QZ063	30 Nov 2015	15 Jan 2016	✓	✓	✓			✓
QZ064	07 Mar 2016	22 Apr 2016	✓	✓	✓	✓	✓	

Sample distributed in this round       Sample not available

## Forensic Toxicology

Sample	Sample Type	Test	Description
1	Identification	Identification of unknown drug or drugs	10ml blood matrix
2	Quantification and Case Study	Quantification of a known drug (full identity or generic classification) and interpretation of the results in respect to the case study provided	10ml blood matrix
3	Abuse / Prescribed drug quantification	Quantification of commonly encountered drugs (alternate rounds of prescription drugs and drugs of abuse).	10ml blood matrix
6	New Psychoactive Substance (NPS) quantification	Participants are asked to quantify a range (up to 4) of new psychoactive substances (NPS)	10ml blood matrix

LGC Standards GmbH, Mercatorstr. 51, 46485 Wesel, Germany  
 Tel: +49 (0)281 9887 280, Fax: +49 (0)281 9887 279  
 Email: [tox.de@lgcgroup.com](mailto:tox.de@lgcgroup.com), Web: [www.lgcstandards.com](http://www.lgcstandards.com)



# QUARTZ Application Form 2015 - 2016

Forensic Blood Toxicology Proficiency Testing Scheme



## Driving Impairment

Sample	Sample Type	Test	Description
4	Blood alcohol quantification	Quantification of alcohol and fluoride in a blood sample	10 ml blood matrix
5	Alcohol Technical Defence	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	Paper exercise

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

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 email: [tox.de@lgcgroup.com](mailto:tox.de@lgcgroup.com) or by telephone: +49 (0)281 9887 280.

## Extra samples

For additional samples, please state clearly your requirements below.

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# QUARTZ Application Form 2015 - 2016



Forensic Blood Toxicology Proficiency Testing Scheme

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.

LGC Standards would like to be able to contact you from time to time with information about the LGC Group, its activities, products and services. By completing and returning this form to us, you agree to your personal information being used by LGC Standards and other members of the LGC Group for the administration and provision of our products and services and for related marketing activities. You can change your marketing preferences at any time by emailing [tox.de@lgcgroup.com](mailto:tox.de@lgcgroup.com)

Signature .....

Date .....



**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:.....

**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](http://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.

A handwritten signature in blue ink, appearing to read 'Y. Longman', is written over a horizontal line.

*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 and samples are part of the UKAS accreditation.

# LGC Standards proficiency tests

## 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 analysis of food products and standards solutions
- **QGS** – Microbiological analysis of gelatine hydrolysate
- **QMAS** – Chemical and microbiological analysis of meat, fish and shellfish
- **QMS** – Microbiological analysis of food and food ingredients

## Water and environment PT scheme

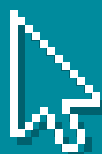


- **AIR PT** – Analysis of workplace air, ambient air, indoor / chamber air and stack emissions
- **AQUACHECK** – Chemical analysis of waters, agricultural soils and sludges
- **CONTEST** – Analysis of contaminated land
- **QWAS** – Microbiological analysis of waters and effluent sludge

## Beverage PT schemes



- **BAPS** – Chemical, microbiological and sensory analysis of beer
- **DAPS** – Chemical analysis of alcoholic and distilled beverages
- **MAPS** – Chemical and physical analysis of malted barley and barley used in brewing and distilling
- **QBS** – Chemical and microbiological analysis of soft drinks and fruit juices
- **SUPS** – Chemical and microbiological analysis of sugar and natural sweeteners



Click here for the full  
LGC Proficiency Testing  
catalogue here

\* Currently not included in our scope of accreditation.



# LGC Standards proficiency tests

## Clinical PT schemes



- **DAH\*** – Drugs of abuse in hair
- **DAU** – Drugs of abuse in urine
- **DOF** – Drugs in oral fluid
- **TDM** – Quantification of therapeutic drugs in blood, plasma, serum and urine
- **ASI\*\*** – Immunosuppressive drugs
- **TOX** – Clinical toxicology analysis in blood, serum, urine, and case studies

## Consumer safety PT schemes



- **COSMETICS** – Chemical and microbiological analysis of cosmetics and toiletries products
- **NiMS** – Determination of Nickel release against EN 1811 (2011)
- **PHARMASSURE** – Chemical and microbiological analysis of pharmaceutical products, instrument techniques and sterility testing
- **TOYTEST** – Assessment of toys, paper exercises and solutions against European EN71 and American F963 toy safety standards

## Forensic PT schemes



- **FAE** – Forensic analysis for explosives
- **FIRMS\*** – Forensic isotope ratio mass spectrometry
- **QUARTZ** – Forensic toxicological analysis of drugs and alcohol in blood

## Other PT schemes and products



- **OIL PT\*** – Chemical analysis of oils, fuels and lubricants
- **QMIS** – Competency in basic microbiological techniques
- **DCALS** – Dairy calibration test materials
- **easi-tab™** – Quantitative microbiological reference materials

\* Currently not included in our scope of accreditation

\*\*This scheme is managed and operated by ASI Ltd and is not included in LGC Standards' UKAS scope of accreditation. The scheme complements the LGC TDM scheme and participants may order the scheme through LGC Standards.



**Click here for the full  
LGC Proficiency Testing  
catalogue here**

In addition to the regular schemes, LGC Standards is able to offer customised or closed proficiency testing schemes tailored to a specific organisation's requirements. For further information contact us:

**LGC Standards GmbH**

Mercatorstr. 51, 46485 Wesel, Deutschland

Tel.: +49 (0)281 9887 250

Fax: +49 (0)281 9887 259

E-Mail: [grm.de@lgcgroup.com](mailto:grm.de@lgcgroup.com)





# PORTAL

## Proficiency Online Reporting Trend Analysis

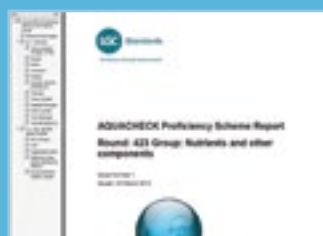
PORTAL is a secure web based reporting system available to all participants of LGC Standards PT schemes. It provides an online area from which you can quickly access all of your PT data, including results submission PDF reports, data export and performance trending tools.

### Benefits include:

- Easy access to your PT data – 24 hours a day
- Online results submission
- Complete data traceability
- Fully secure website with encrypted databases
- Free support provided by staff based in the UK or your local area
- Multi-method reporting complete with methodology summaries
- Multi-analyst reporting
- Multiple password protected user accounts per laboratory
- Results submission by analyte or sample
- Intelligent importing of previously entered data
- Full control of all data prior to deadlines
- Customisable performance trends



[www.lgcpt.com/portal](http://www.lgcpt.com/portal)



For more information contact:

[www.lgcstandards.com](http://www.lgcstandards.com) • [grm.de@lgcgroup.com](mailto:grm.de@lgcgroup.com) • +49 (0)281 9887 250

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@LGCStandards

**For further information, or if you require substances or materials not currently listed please contact one of our local sales offices.**

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Email: bz@lgcstandards.com

**Bulgaria**

Tel: +359 (0)2 971 4955  
Email: bg@lgcstandards.com

**China**

Tel: 800 810 4630 (toll-free)  
Email: infochina@lgcgroup.com

**France**

Tel: +33 (0)3 88 04 82 82  
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**Germany**

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