

## LISTA DI LIQUIDAZIONE

N.° Liq.: 192

Del 13/02/2020

Visti gli ordinativi di fornitura emessi dal dirigente responsabile del centro ordinante;  
Preso atto della regolare fornitura di beni/esecuzione di servizi e conformità ordine/bolla/fattura;

- (1) Rilevata la regolarità del DURC;
- (2) Decorso 30 gg dalla richiesta;
- (3) Rilevata la NON regolarità si richiede l'intervento sostitutivo;

SI LIQUIDA

Macrostruttura:

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**PRG. SPESA: 2019 / 64 - ALTRI SERVIZI**

**CONTO: 71210000105 ALTRI SERVIZI**

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**Fornitore: (1326) LGC STANDARDS S.R.L.**

<u>Prot. Elett.</u>	<u>Data Reg.</u>	<u>Num. Documento</u>	<u>Data Doc.</u>	<u>Importo</u>	<u>Codice CIG</u>	<u>Ordine</u>	<u>Data Ord.</u>
0000UFVBQD0000025259	06/11/2019	2019508137	29/10/2019	C 359,90	73142852ED		
MOD PAG: BONIF.BANCARIO CONTO DEDICATO 60GG IBAN: IT53P0100501600000000043189							
0000UFVBQD0000025561	10/12/2019	2019509233	05/12/2019	€ 0,00	73142852ED		
MOD PAG: BONIF.BANCARIO CONTO DEDICATO 60GG IBAN: IT53P0100501600000000043189							

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<u>CIG</u>	<u>CUP</u>	<u>Importo</u>
73142852ED		C 359,90

**Totale Fornitore - 1326 € 359,90**

**TOTALE CONTO - 71210000105 € 359,90**

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**TOTALE PRG. SPESA - 2019 / 64 € 359,90**

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**PRG. SPESA: 2020 / 64 - ALTRI SERVIZI**

**CONTO: 71210000105 ALTRI SERVIZI**

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**Fornitore: (1326) LGC STANDARDS S.R.L.**

<u>Prot. Elett.</u>	<u>Data Reg.</u>	<u>Num. Documento</u>	<u>Data Doc.</u>	<u>Importo</u>	<u>Codice CIG</u>	<u>Ordine</u>	<u>Data Ord.</u>
0000UFVBQD0000025815	17/01/2020	2020500283	14/01/2020	€ 359,90	73142852ED		
MOD PAG: BONIF.BANCARIO CONTO DEDICATO 60GG IBAN: IT53P0100501600000000043189							

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<u>CIG</u>	<u>CUP</u>	<u>Importo</u>
73142852ED		€ 359,90

**Totale Fornitore - 1326 € 359,90**

**TOTALE CONTO - 71210000105 € 359,90**

## LISTA DI LIQUIDAZIONE

N.° Liq.: 192

Del 13/02/2020

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**PRG. SPESA: 2020 / 64 - ALTRI SERVIZI**

**TOTALE PRG. SPESA - 2020 / 64**

**€ 359,90**

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<b>TOTALE FATTURE LIQUIDATE</b>
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**€ 719,80**

**TOTALE FATTURE DEL CONTO 71210000105**

**€ 719,80**

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TOTALE IMPORTO DEL CIG 73142852ED

€ 719,80

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NOTE

DURC VALIDO FINO AL 09/06/2020

Operatore:

## Durc On Line

Numero Protocollo	INAIL_20291110	Data richiesta	10/02/2020	Scadenza validità	09/06/2020
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Denominazione/ragione sociale	LGS STANDARDS SRL
Codice fiscale	03948960962
Sede legale	VIA TINTORETTO, 5 20145 MILANO (MI)

Con il presente Documento si dichiara che il soggetto sopra identificato **RISULTA REGOLARE** nei confronti di

I.N.P.S.  
I.N.A.I.L.

Il Documento ha validità di 120 giorni dalla data della richiesta e si riferisce alla risultanza, alla stessa data, dell'interrogazione degli archivi dell'INPS, dell'INAIL e della CNCE per le imprese che svolgono attività dell'edilizia.

**FATTURA ELETTRONICA**

Versione FPA12

**Dati relativi alla trasmissione**

Identificativo del trasmittente: **IT07945211006**  
 Progressivo di invio: **5718332**  
 Formato Trasmissione: **FPA12**  
 Codice Amministrazione destinataria: **UFVBQD**

**Dati del cedente / prestatore****Dati anagrafici**

Identificativo fiscale ai fini IVA: **IT03948960962**  
 Codice fiscale: **03948960962**  
 Denominazione: **LGC Standards S.r.L.**  
 Regime fiscale: **RF01** (ordinario)

Prot. elettronico: **0000UFVBQD0000025815**  
 Data registrazione: **17/01/2020**  
 N.Prot.Registrazione: **85**  
 N.Prot.IVA: **111/75**  
 P.N.: **2020000237**  
 Fornitore: **1326 LGC STANDARDS S.R.L.**

**Dati della sede**

Indirizzo: **Via Tintoretto**  
 Numero civico: **5**  
 CAP: **20145**  
 Comune: **Milano**  
 Provincia: **MI**  
 Nazione: **IT**

**Recapiti**

Telefono: **0222476412**  
 Fax: **0222474582**  
 E-mail: **it@lgcstandards.com**

**Riferimento amministrativo**

Riferimento: **Roberto Barazzetta**

**Dati del cessionario / committente****Dati anagrafici**

Identificativo fiscale ai fini IVA: **IT05830420724**  
 Codice Fiscale: **05830420724**  
 Denominazione: **ARPA Puglia**

**Dati della sede**

Indirizzo: **Corso Trieste, 27**  
 CAP: **70126**  
 Comune: **Bari**  
 Provincia: **BA**  
 Nazione: **IT**

**Dati del terzo intermediario soggetto emittente****Dati anagrafici**

Identificativo fiscale ai fini IVA: **IT07945211006**  
 Denominazione: **InfoCert S.p.A.**

**Soggetto emittente la fattura**

Soggetto emittente: **TZ** (terzo)

Versione prodotta con foglio di stile Sdl [www.fatturapa.gov.it](http://www.fatturapa.gov.it)

Versione FPA12

**Dati generali del documento**

Tipologia documento: **TD01** (fattura)  
 Valuta importi: **EUR**  
 Data documento: **2020-01-14** (14 Gennaio 2020)  
 Numero documento: **2020500283**  
 Importo totale documento: **359.90**  
 Causale: **Prot. 0023127-138- 28/03/2019 - LOTTO 12 - DEL.73 - CDI: 712.100.00105**  
 Art. 73 DPR 633/72: **SI**

**Dati dell'ordine di acquisto**

Numero linea di fattura a cui si riferisce: **1**  
 Identificativo ordine di acquisto: **Prot. 0023127-138- 2**  
 Codice Identificativo Gara (CIG): **73142852ED**

**Dati del documento di trasporto**

Numero DDT: **2154734**  
 Data DDT: **2020-01-13** (13 Gennaio 2020)  
 Numero linea di fattura a cui si riferisce: **1**

**Dati relativi alla fattura principale**

Numero fattura principale: **2020500283**  
Data fattura principale: **2020-01-14** (14 Gennaio 2020)

**Dati relativi alle linee di dettaglio della fornitura**

**Nr. linea: 1**

**Codifica articolo**

Tipo: **PT-AQ-05G**  
Valore: **295.00**  
Descrizione bene/servizio: **05G - Toxic Metals in Groundwater ( Preserved in 0.5% Nitric Acid)**  
Quantità: **1.00000000**  
Unità di misura: **ea**  
Valore unitario: **295.00000000**

**Sconto/Maggiorazione**

Tipo: **SC** (sconto)  
Percentuale (%): **0.00**  
Valore totale: **295.00000000**  
IVA (%): **22.00**  
Riferimento amministrativo/contabile: **D.D.T. 2154734**

**Dati di riepilogo per aliquota IVA e natura**

Aliquota IVA (%): **22.00**  
Totale imponibile/importo: **295.00**  
Totale imposta: **64.90**  
Esigibilità IVA: **S** (scissione dei pagamenti)

**Dati relativi al pagamento**

Condizioni di pagamento: **TP02** (pagamento completo)

**Dettaglio pagamento**

Beneficiario del pagamento: **LGC Standards S.r.L.**  
Modalità: **MP05** (bonifico)  
Decorrenza termini di pagamento: **2020-01-14** (14 Gennaio 2020)  
Termini di pagamento (in giorni): **60**  
Data scadenza pagamento: **2020-03-14** (14 Marzo 2020)  
Importo: **295.00**  
Istituto finanziario: **BNL - BANCA NAZIONALE DEL LAVORO**  
Codice IBAN: **IT53P0100501600000000043189**  
Codice ABI: **01005**  
Codice CAB: **01600**  
Codice BIC: **BNLIITRR**

**FATTURA ELETTRONICA**

Versione FPA12

**Dati relativi alla trasmissione**

Identificativo del trasmittente: **IT07945211006**  
 Progressivo di invio: **5591527**  
 Formato Trasmissione: **FPA12**  
 Codice Amministrazione destinataria: **UFVBQD**

**Dati del cedente / prestatore****Dati anagrafici**

Identificativo fiscale ai fini IVA: **IT03948960962**  
 Codice fiscale: **03948960962**  
 Denominazione: **LGC Standards S.r.L.**  
 Regime fiscale: **RF01** (ordinario)

Prot. elettronico: **0000UFVBQD0000025259**  
 Data registrazione: **06/11/2019**  
 N.Prot.Registrazione: **2337**  
 N.Prot.IVA: **111/2171**  
 P.N.: **2019013376**  
 Fornitore: **1326 LGC STANDARDS S.R.L.**

**Dati della sede**

Indirizzo: **Via Tintoretto**  
 Numero civico: **5**  
 CAP: **20145**  
 Comune: **Milano**  
 Provincia: **MI**  
 Nazione: **IT**

**Recapiti**

Telefono: **0222476412**  
 Fax: **0222474582**  
 E-mail: **it@lgcstandards.com**

**Riferimento amministrativo**

Riferimento: **Roberto Barazzetta**

**Dati del cessionario / committente****Dati anagrafici**

Identificativo fiscale ai fini IVA: **IT05830420724**  
 Codice Fiscale: **05830420724**  
 Denominazione: **ARPA Puglia**

**Dati della sede**

Indirizzo: **Corso Trieste, 27**  
 CAP: **70126**  
 Comune: **Bari**  
 Provincia: **BA**  
 Nazione: **IT**

**Dati del terzo intermediario soggetto emittente****Dati anagrafici**

Identificativo fiscale ai fini IVA: **IT07945211006**  
 Denominazione: **InfoCert S.p.A.**

**Soggetto emittente la fattura**

Soggetto emittente: **TZ** (terzo)

Versione prodotta con foglio di stile Sdl [www.fatturapa.gov.it](http://www.fatturapa.gov.it)

Versione FPA12

**Dati generali del documento**

Tipologia documento: **TD01** (fattura)  
 Valuta importi: **EUR**  
 Data documento: **2019-10-29** (29 Ottobre 2019)  
 Numero documento: **2019508137**  
 Importo totale documento: **359.90**  
 Causale: **Prot. 0059851 - 134 - 20/08/2019 - LOTTO 12 - CDI: 712.100.00105**  
 Art. 73 DPR 633/72: **SI**

**Dati dell'ordine di acquisto**

Numero linea di fattura a cui si riferisce: **1**  
 Identificativo ordine di acquisto: **Prot. 0059851 - 134**  
 Codice Identificativo Gara (CIG): **73142852ED**

**Dati del documento di trasporto**

Numero DDT: **2116624**  
 Data DDT: **2019-10-28** (28 Ottobre 2019)  
 Numero linea di fattura a cui si riferisce: **1**

**Dati relativi alla fattura principale**

Numero fattura principale: **2019508137**  
Data fattura principale: **2019-10-29** (29 Ottobre 2019)

**Dati relativi alle linee di dettaglio della fornitura**

**Nr. linea: 1**

**Codifica articolo**

Tipo: **PT-AQ-05G**  
Valore: **295.00**  
Descrizione bene/servizio: **05G - Toxic Metals in Groundwater ( Preserved in 0.5% Nitric Acid)**  
Quantità: **1.00000000**  
Unità di misura: **ea**  
Valore unitario: **295.00000000**

**Sconto/Maggiorazione**

Tipo: **SC** (sconto)  
Percentuale (%): **0.00**  
Valore totale: **295.00000000**  
IVA (%): **22.00**  
Riferimento amministrativo/contabile: **D.D.T. 2116624**

**Dati di riepilogo per aliquota IVA e natura**

Aliquota IVA (%): **22.00**  
Totale imponibile/importo: **295.00**  
Totale imposta: **64.90**  
Esigibilità IVA: **S** (scissione dei pagamenti)

**Dati relativi al pagamento**

Condizioni di pagamento: **TP02** (pagamento completo)

**Dettaglio pagamento**

Beneficiario del pagamento: **LGC Standards S.r.L.**  
Modalità: **MP05** (bonifico)  
Decorrenza termini di pagamento: **2019-10-29** (29 Ottobre 2019)  
Termini di pagamento (in giorni): **60**  
Data scadenza pagamento: **2019-12-28** (28 Dicembre 2019)  
Importo: **295.00**  
Istituto finanziario: **BNL - BANCA NAZIONALE DEL LAVORO**  
Codice IBAN: **IT53P0100501600000000043189**  
Codice ABI: **01005**  
Codice CAB: **01600**  
Codice BIC: **BNLIITRR**

**FATTURA ELETTRONICA**

Versione FPA12

**Dati relativi alla trasmissione**

Identificativo del trasmittente: **IT07945211006**  
 Progressivo di invio: **5664163**  
 Formato Trasmissione: **FPA12**  
 Codice Amministrazione destinataria: **UFVBQD**

**Dati del cedente / prestatore****Dati anagrafici**

Identificativo fiscale ai fini IVA: **IT03948960962**  
 Codice fiscale: **03948960962**  
 Denominazione: **LGC Standards S.r.L.**  
 Regime fiscale: **RF01** (ordinario)

Prot. elettronico: **0000UFVBQD000025561**  
 Data registrazione: **10/12/2019**  
 N.Prot.Registrazione: **2596**  
 N.Prot.IVA: **102/121**  
 Fornitore: **1326 LGC STANDARDS S.R.L.**

**Dati della sede**

Indirizzo: **Via Tintoretto**  
 Numero civico: **5**  
 CAP: **20145**  
 Comune: **Milano**  
 Provincia: **MI**  
 Nazione: **IT**

**Recapiti**

Telefono: **0222476412**  
 Fax: **0222474582**  
 E-mail: **it@lgcstandards.com**

**Riferimento amministrativo**

Riferimento: **Roberto Barazzetta**

**Dati del cessionario / committente****Dati anagrafici**

Identificativo fiscale ai fini IVA: **IT05830420724**  
 Codice Fiscale: **05830420724**  
 Denominazione: **ARPA Puglia**

**Dati della sede**

Indirizzo: **Corso Trieste, 27**  
 CAP: **70126**  
 Comune: **Bari**  
 Provincia: **BA**  
 Nazione: **IT**

**Dati del terzo intermediario soggetto emittente****Dati anagrafici**

Identificativo fiscale ai fini IVA: **IT07945211006**  
 Denominazione: **InfoCert S.p.A.**

**Soggetto emittente la fattura**

Soggetto emittente: **TZ** (terzo)

Versione prodotta con foglio di stile Sdl [www.fatturapa.gov.it](http://www.fatturapa.gov.it)

Versione FPA12

**Dati generali del documento**

Tipologia documento: **TD01** (fattura)  
 Valuta importi: **EUR**  
 Data documento: **2019-12-05** (05 Dicembre 2019)  
 Numero documento: **2019509233**  
 Importo totale documento: **0,00**  
 Causale: **Prot. 04953 del 23/01/2019 - LOTTO 1 - Del. 73 - Sostituzione prodotto- CIG 73142852ED - CDI: 712.100.00105**  
 Art. 73 DPR 633/72: **SI**

**Dati dell'ordine di acquisto**

Numero linea di fattura a cui si riferisce: **1**  
 Identificativo ordine di acquisto: **Prot. 04953 del 23/0**

**Dati del documento di trasporto**

Numero DDT: **2141967**  
 Data DDT: **2019-12-04** (04 Dicembre 2019)  
 Numero linea di fattura a cui si riferisce: **1**

**Dati relativi alla fattura principale**

Numero fattura principale: **2019509233**  
Data fattura principale: **2019-12-05** (05 Dicembre 2019)

**Dati relativi alle linee di dettaglio della fornitura**

**Nr. linea: 1**

**Codifica articolo**

Tipo: **PT-AQ-10-X**  
Valore: **135.00**  
Descrizione bene/servizio: **10 - Nutrients**  
Quantità: **1.00000000**  
Unità di misura: **extra**  
Valore unitario: **135.00000000**

**Sconto/Maggiorazione**

Tipo: **SC** (sconto)  
Percentuale (%): **100.00**  
Valore totale: **0.00000000**  
IVA (%): **22.00**  
Riferimento amministrativo/contabile: **D.D.T. 2141967**

**Dati di riepilogo per aliquota IVA e natura**

Aliquota IVA (%): **22.00**  
Totale imponibile/importo: **0.00**  
Totale imposta: **0.00**  
Esigibilità IVA: **S** (scissione dei pagamenti)

**Dati relativi al pagamento**

Condizioni di pagamento: **TP02** (pagamento completo)

**Dettaglio pagamento**

Beneficiario del pagamento: **LGC Standards S.r.L.**  
Modalità: **MP05** (bonifico)  
Decorrenza termini di pagamento: **2019-12-05** (05 Dicembre 2019)  
Termini di pagamento (in giorni): **60**  
Data scadenza pagamento: **2020-02-03** (03 Febbraio 2020)  
Importo: **0.00**  
Istituto finanziario: **BNL - BANCA NAZIONALE DEL LAVORO**  
Codice IBAN: **IT53P0100501600000000043189**  
Codice ABI: **01005**  
Codice CAB: **01600**  
Codice BIC: **BNLIITRR**

Versione prodotta con foglio di stile SdI [www.fatturapa.gov.it](http://www.fatturapa.gov.it)



ARPA PUGLIA  
Agenzia regionale per la prevenzione  
e la protezione dell'ambiente

Sede legale  
Corso Trieste 27, 70126 Bari  
Tel. 080 5460111 Fax 080 5460150  
[www.arpa.puglia.it](http://www.arpa.puglia.it)  
C.F. e P.IVA. 05830420724

**Dipartimento Ambientale Provinciale di Bari**  
**U.O.S Chimica delle matrici ambientali**

e-mail [it@lgcstandards.com](mailto:it@lgcstandards.com)

Spett.le LGC Standards S.r.l.  
Via Tintoretto n. 5  
20145 Milano  
(P.IVA 03948960962)  
- Telefono 02/22476412

Via e-mail a [ordini@arpa.puglia.it](mailto:ordini@arpa.puglia.it)

p.c.

ARPA Puglia  
U.O.S. Patrimonio ed Economato

**OGGETTO: Partecipazione Laboratori ARPA Puglia a circuiti interlaboratorio Delibera n. 73 del 08/02/2018.**

**"Circuiti interlaboratorio relativi alla matrice acqua sotterranea" – Lotto 12 C.I.G. "73142852ED"**

**- Trasmissione domanda di adesione**

In esecuzione del contratto avente per oggetto la partecipazione ai "Circuiti interlaboratorio relativi alla matrice acqua sotterranea" – Lotto 12 e sottoscritto in data 27/03/2018, si trasmette in allegato domanda di adesione ai circuiti organizzati da codesta Società ivi riportati.

Riferimenti: Laboratorio Chimico

del Dipartimento Ambientale Provinciale di Bari Via Caduti di tutte le guerre, 19

orari per la consegna del campione tra le ore 8 e le ore 14.

referente per la consegna del campione è Dott. Miccolis

tel 3282682461

e-mail: a.miccolis@arpa.puglia.it; g.dalessandro@arpa.puglia.it

Informazioni in merito alla consegna del campione e del report potranno essere richieste direttamente al citato referente.

Si precisa che l'importo di € 295 deve essere imputato a:

- Conto di imputazione 712.100.00105
- Centro di costo 11110103000

Si rammenta che ARPA Puglia è soggetta allo split payment.

Distinti saluti.

Il Dirigente Responsabile  
Dott. G. Dalessandro



# Water & Environmental Chemistry Aquacheck 2019-20

Aquacheck Proficiency Testing Scheme Application Form



Please complete all the relevant sections of the application form indicating the samples required on pages 2-6 and return to LGC Standards Proficiency Testing by email, fax or post.

Returning customer Lab ID: AQ 3028

Purchase order no.:    
(compulsory)

Round	Despatch date	Reporting Deadline	Samples																												Soils & Sludges	Eco tox																		
			Clean Waters														Waste Waters										Radio Chem																							
AQ564	15 Apr	13 May	4G	5G	6A	6B	6C	7A	7B	7C	7D	8	8B	9	22	22A	25	26	28	33	37	30	31	18A	18B	18C	19A	19B	19C	19D	20	20B	21	23	24	27	14	50												
AQ565	29 Apr	28 May	X	1S	X	2S	2A	3	4	5	5A	5B	5C	36	41	10	X	12	12C	15	17A	17B	17C	17D	29	32	18A	18B	18C	19A	19B	19C	19D	20	20B	21	23	24	27	14	50									
AQ566	13 May	10 Jun	1A	3A	3B	3C	4G	5G	6A	6B	6C	7A	7B	7C	7D	8	8B	9	22	25	38	39	40	43	10	X	12	12C	15	17A	17B	17C	17D	29	32	18A	18B	18C	19A	19B	19C	19D	20	20B	21	23	24	27	14	50
AQ567	28 May	24 Jun	4G	5G	6A	6B	6C	7A	7B	7C	7D	8	8B	9	22	25	38	39	40	43	10	X	12	12C	15	17A	17B	17C	17D	29	32	18A	18B	18C	19A	19B	19C	19D	20	20B	21	23	24	27	14	50				
AQ568	24 Jun	22 Jul	1H	1S	2H	2S	3	4	5	5B	10	X	12	12C	15	17A	17B	17C	17D	29	32	18A	18B	18C	19A	19B	19C	19D	20	20B	21	23	24	27	14	50														
AQ569	08 Jul	05 Aug	1A	3A	3B	3C	44	10	X	12	12C	15	17A	17B	17C	17D	29	32	18A	18B	18C	19A	19B	19C	19D	20	20B	21	23	24	27	14	50																	
AQ570	22 Jul	19 Aug	4G	5G	6A	6B	6C	7A	7B	7C	7D	8	8B	9	22	25	38	39	40	43	10	X	12	12C	15	17A	17B	17C	17D	29	32	18A	18B	18C	19A	19B	19C	19D	20	20B	21	23	24	27	14	50				
AQ571	12 Aug	09 Sep	1H	1S	2H	2S	3	4	5	5B	10	X	12	12C	15	17A	17B	17C	17D	29	32	18A	18B	18C	19A	19B	19C	19D	20	20B	21	23	24	27	14	50														
AQ572	27 Aug	23 Sep	4G	5G	6A	6B	6C	7A	7B	7C	7D	8	X	9	22	25	26	28	33	37	10	X	12	12C	15	17A	17B	17C	17D	29	32	18A	18B	18C	19A	19B	19C	19D	20	20B	21	23	24	27	14	50				
AQ573	16 Sep	14 Oct	1H	1S	2H	2S	2A	3	4	5	5A	5B	5C	36	10	X	12	12C	15	17A	17B	17C	17D	29	32	18A	18B	18C	19A	19B	19C	19D	20	20B	21	23	24	27	14	50										
AQ574	30 Sep	28 Oct	1A	3A	3B	3C	10	X	12	12C	15	17A	17B	17C	17D	29	32	18A	18B	18C	19A	19B	19C	19D	20	20B	21	23	24	27	14	50																		
AQ575	14 Oct	11 Nov	4G	5G	6A	6B	6C	7A	7B	7C	7D	8	8B	X	9	22	22A	25	38	39	X	43	30	31	10	X	12	12C	15	17A	17B	17C	17D	29	32	18A	18B	18C	19A	19B	19C	19D	20	20B	21	23	24	27	14	50
AQ576	28 Oct	25 Nov	1H	1S	2H	2S	3	X	41	10	X	12	12C	15	17A	17B	17C	17D	29	32	18A	18B	18C	19A	19B	19C	19D	20	20B	21	23	24	27	14	50															
AQ577	11 Nov	09 Dec	1A	3A	3B	3C	44	10	X	12	12C	15	17A	17B	17C	17D	29	32	18A	18B	18C	19A	19B	19C	19D	20	20B	21	23	24	27	14	50																	
AQ578	25 Nov	06 Jan 20	4G	5G	6A	6B	6C	7A	7B	7C	7D	8	8B	9	22	22A	25	26	28	33	37	30	31	10	X	12	12C	15	17A	17B	17C	17D	29	32	18A	18B	18C	19A	19B	19C	19D	20	20B	21	23	24	27	14	50	
AQ579	09 Dec	13 Jan	1H	1S	2H	2S	2A	3	4	5	5A	5B	5C	36	10	X	12	12C	15	17A	17B	17C	17D	29	32	18A	18B	18C	19A	19B	19C	19D	20	20B	21	23	24	27	14	50										
AQ580	13 Jan 20	10 Feb	X	6A	6B	X	7A	7B	7C	7D	8	8B	9	22	22A	25	26	28	33	37	30	31	10	X	12	12C	15	17A	17B	17C	17D	29	32	18A	18B	18C	19A	19B	19C	19D	20	20B	21	23	24	27	14	50		
AQ581	27 Jan	24 Feb	1H	1S	2H	2S	2A	3	4	5	5A	5B	5C	36	10	X	12	12C	15	17A	17B	17C	17D	29	32	18A	18B	18C	19A	19B	19C	19D	20	20B	21	23	24	27	14	50										
AQ582	10 Feb	09 Mar	1A	3A	3B	3C	10	X	12	12C	15	17A	17B	17C	17D	29	32	18A	18B	18C	19A	19B	19C	19D	20	20B	21	23	24	27	14	50																		
AQ583	24 Feb	23 Mar	4G	5G	6A	6B	6C	7A	7B	7C	7D	8	8B	9	22	25	38	39	40	43	10	X	12	12C	15	17A	17B	17C	17D	29	32	18A	18B	18C	19A	19B	19C	19D	20	20B	21	23	24	27	14	50				

Not available

In addition to the above schedule, please note that the Water Framework Directive samples and trial samples are available on page 5. For details on the full technical specification of the scheme please refer to the Aquacheck Scheme Description

LGC Standards Proficiency Testing, 1 Chamberhall Business Park, Chamberhall Green, Bury, BL9 0AP, UK.  
 Telephone: + 44 (0) 161 762 2500, Fax: + 44 (0) 161 762 2501  
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# Water & Environmental Chemistry Aquacheck 2019-20



Aquacheck Proficiency Testing Scheme Application Form

Please fill in your address details below:

Send Test Materials to:	Send Invoices to:
Contact name: Dott. G. Dalessandro Department: UOS Chimica delle Matrici Ambientali- DAP BARI Company: ARPA Puglia Address: Via Caduti di tutte le quere,19  Town/City: Bari Post/Zip Code: 70100 Country: ITALIA Tel: 3282682461 Fax: E-mail: g.dalessandro@arpa.puglia.it; a.miccolis@arpa.puglia.it	Contact name: Vedi lettera di accompagnamento allegata Department: Company: Address:  Town/City: Post/Zip Code: Country: Tel: Fax: E-mail: VAT no:

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
Contact name: Dott.G.Dalessandro; Dott.ssa M.Vitale E-mail*: g.dalessandro@arpa.puglia.it; m.vitale@arpa.puglia.it	

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)	AQ565
1S	Major Inorganic Components (Soft Water)	
2H	Nutrients and Others (Hard Water)	AQ565
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)	AQ577
4G	Metals in Groundwater (Preserved in 0.5% Nitric Acid)	AQ580
5 <sup>#</sup>	Toxic Metals (Preserved in 0.5% Nitric Acid)	AQ577
5A	Metals for Hydride Generation (Preserved in 0.5% Hydrochloric Acid)	
5B	EQS Metals (Preserved in 0.5% Nitric Acid)	AQ577
5C	Chromium (VI) in Clean Water	
5G <sup>#</sup>	Toxic Metals in Groundwater (Preserved in 0.5% Nitric Acid)	AQ580 lotto12
44 <sup>##</sup>	Haloacetic Acids <b>NEW</b>	

\*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.

<sup>#</sup>Please note that sample 44 is not currently within the scope of LGC's UKAS accreditation.

<sup>\*\*</sup>Maximum number of distributions is two. <sup>\*\*\*</sup>Maximum number of distributions is three.

LGC Standards Proficiency Testing, 1 Chamberhall Business Park, Chamberhall Green, Bury, BL9 0AP, UK.

Telephone: + 44 (0) 161 762 2500, Fax: + 44 (0) 161 762 2501

E-mail: [ptcustomerservices@lgcgroup.com](mailto:ptcustomerservices@lgcgroup.com), Web: [www.lgcstandards.com](http://www.lgcstandards.com)

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# Water & Environmental Chemistry Aquacheck 2019-20



Aquacheck Proficiency Testing Scheme Application Form

Sample	Clean Waters - Organic	Round number(s) required
6A	Haloforms and Chlorinated Solvents	
6B <sup>#</sup>	Phenols	AQ576
6C <sup>#</sup>	Benzene, Toluene and Xylenes	AQ580
7A <sup>#</sup>	Organochlorine Pesticides	AQ576
7B	Chlorinated Solvents	AQ580
7C	Polycyclic Aromatic Hydrocarbons	AQ576
7D	Polychlorinated Biphenyls	AQ576
8 <sup>#</sup>	Acid Herbicides	
8B <sup>#</sup>	Triazines and Urea Herbicides	AQ576
9 <sup>#</sup>	Organophosphorus Pesticides	AQ572
26	PFOS and PFOA	
28	Formaldehyde	
33 <sup>##</sup>	Chlorophyll a	
36 <sup>##</sup>	Taste and Odour	
37 <sup>##</sup>	Acrylamide	
38 <sup>##</sup>	UV Absorbing Organic Constituents	
39 <sup>##</sup>	Geosmin and MIB	
40 <sup>##</sup>	Fungicides	AQ576
41 <sup>##</sup>	Microcystin	
43 <sup>##</sup>	Triclosan NEW	

Sample	Waste Waters and Effluents – Inorganic and Nutrients	Round number(s) required
10	Nutrients and other analytes	AQ575
11	Non-specific Analytes	AQ567+AQ575
12 <sup>#</sup>	Metals (Preserved in 0.5% Nitric Acid)	
12C	Chromium (VI) in Waste Water	
15	Settleable Solids	
29	High and Low COD	
35 <sup>##</sup>	BOD/COD at high concentration	

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

\*\*Maximum number of distributions is two. \*\*\*Maximum number of distributions is three.

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

<sup>##</sup>Please note that samples 33-43 are not currently within the scope of LGC's UKAS accreditation.

LGC Standards Proficiency Testing, 1 Chamberhall Business Park, Chamberhall Green, Bury, BL9 0AP, UK.  
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# Water & Environmental Chemistry Aquacheck 2019-20

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	

\*\*Maximum number of distributions is two. \*\*\*Maximum number of distributions is three. \*\*\*\*Maximum number of distributions is four.

\*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

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# Water & Environmental Chemistry Aquacheck 2019-20

Aquacheck Proficiency Testing Scheme Application Form



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

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	<input type="checkbox"/>	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	<input type="checkbox"/>				

'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<sup>##</sup>

Please indicate the samples required below:

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

<sup>##</sup>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.

LGC Standards Proficiency Testing, 1 Chamberhall Business Park, Chamberhall Green, Bury, BL9 0AP, UK.

Telephone: + 44 (0) 161 762 2500, Fax: + 44 (0) 161 762 2501

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# Water & Environmental Chemistry Aquacheck 2019-20



Aquacheck Proficiency Testing Scheme Application Form

Please note:

- Please contact LGC Standards for prices.
- VAT (charged at the prevailing rate) is payable by all participants based in the UK and by those in the rest of the European Union if a VAT Registration Number is not provided.
- Participants outside the UK will pay an additional fee to cover courier charges. For details please contact LGC Standards Proficiency Testing.
- All courier charges set by LGC Standards Proficiency Testing 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 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.
- 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.
- Aquacheck Trial samples will be run subject to the registration of a sufficient number of participants and LGC Standards Proficiency Testing 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.

#### Existing customers

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

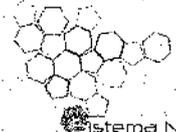
#### New customers

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

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

Signature Dott. G. Dalessandro

Date 18/03/2019



Sistema Nazionale  
per la Protezione  
dell'Ambiente

PROT. N.

Via e-mail  
[ordini@arpa.puglia.it](mailto:ordini@arpa.puglia.it)

Al Dirigente Responsabile  
U.O.S. Patrimonio ed Economato  
R.U.P.

**OGGETTO:** Partecipazione Laboratori ARPA Puglia a circuiti interlaboratorio Delibera n. 73 del 08/02/2018  
"Circuiti Interlaboratorio relativi alla Matrice Acqua" – Lotto 1  
C.I.G. 7314208362  
Aggiudicataria: LGC Standards S.r.l.

Attestazione esecuzione **Domanda di adesione prot. n. 23130 del 28/03/2019**  
Circuito:  
PT AQ 04G PT AQ 06C- PT AQ 07B- ROUND AQ580

Il sottoscritto, Direttore dell'esecuzione del contratto in oggetto, sotto la propria responsabilità attesta che in data 15/01/2020 la LGC Standard S.r.l. ha eseguito correttamente i servizi di cui alla allegata domanda di adesione prot. 23130 del 28/03/2019.

La Ditta ha trasmesso il campione nel rispetto di tempi e modi previsti dal contratto.

Tanto premesso, invita il R.U.P., a liquidare la somma complessiva di € 885, iva esclusa, alla LGC Standard S.r.l. Si allega DDT N.2154734

Distinti saluti.

Il D.E.

presso il DAP di BARI

*Dott.ssa Francesca Ferrieri*

PROT. N.

Via e-mail  
[ordini@arpa.puglia.it](mailto:ordini@arpa.puglia.it)

Al Dirigente Responsabile  
U.O.S. Patrimonio ed Economato  
R.U.P.

**OGGETTO:** Partecipazione Laboratori ARPA Puglia a circuiti interlaboratorio Delibera n. 73 del 08/02/2018  
"Circuiti Interlaboratorio relativi alla Matrice Acqua Sotterranea" – Lotto 12  
C.I.G. 73142852ED  
Aggiudicataria: LGC Standards S.r.l.

Attestazione esecuzione **Domanda di adesione prot. n. 23127 del 28/03/2019**  
Circuito:  
PT AQ 05G ROUND AQ580

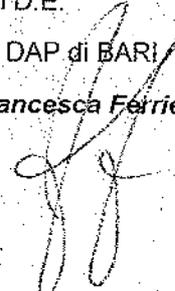
Il sottoscritto, Direttore dell'esecuzione del contratto in oggetto, sotto la propria responsabilità attesta che in data 15/01/2020 la LGC Standard S.r.l. ha eseguito correttamente i servizi di cui alla allegata domanda di adesione prot. 23127 del 28/03/2019. 1

La Ditta ha trasmesso il campione nel rispetto di tempi e modi previsti dal contratto.

Tanto premesso, invita il R.U.P., a liquidare la somma complessiva di € 295, iva esclusa, alla LGC Standard S.r.l. Si allega DDT N.2154734

Distinti saluti.

Il D.E.  
presso il DAP di BARI  
**Dott.ssa Francesca Ferreri**





LGC Standards Proficiency Testing  
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Chamberhall Green  
Bury  
BL9 0AP  
UK

Tel +44(0)161 762 2500  
Fax +44(0)161 762 2501  
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## Documento di Trasporto

Page 1 of 1

### Destinatario Merce

ARPA Puglia - Dip.to Prov.le di Bari  
Corso Trieste, 27  
Bari  
(BA)  
70126 ITALY

### Indirizzo di Consegna

ARPA Puglia - Dip.to Prov.le di Bari  
Via Caduti di tutte le Guerre, 19  
2^Piano  
Bari  
(BA)  
70010  
ITALY

Partita IVA: 05830420724

<b>Cod. Cliente</b> 20014400	<b>N. Ordine</b> X10732947	<b>Data di spedizione</b>	<b>Documento di Trasporto N.</b> 2154734
---------------------------------	-------------------------------	---------------------------	---

Codice Prodotto / Descrizione	N. Ordine Cliente	Codice doganale	Q.tà pz.
PT-AQ-04G	04G - Metals in Groundwater (in 0.5% Nitric Acid)	Prot. 0023127-138- 28/03/2019 - LOTTO3822.DED073	1
PT-AQ-04G-SP1	30ml Silver Sample	Prot. 0023127-138- 28/03/2019 - LOTTO3822.DED073	1
PT-AQ-04G-SW1	500ml Metal Sample	Prot. 0023127-138- 28/03/2019 - LOTTO3822.DED073	1
PT-AQ-05G	05G - Toxic Metals in Groundwater ( Preserved in 0.5% Nitric Acid)	Prot. 0023127-138- 28/03/2019 - LOTTO3822.DED073	1
PT-AQ-05G-SP1	30ml Mercury Sample	Prot. 0023127-138- 28/03/2019 - LOTTO3822.DED073	1
PT-AQ-05G-SP2	30ml Tin Sample	Prot. 0023127-138- 28/03/2019 - LOTTO3822.DED073	1
PT-AQ-05G-SW1	500ml Metals Sample	Prot. 0023127-138- 28/03/2019 - LOTTO3822.DED073	1
PT-AQ-06C	06C - Benzene, Toluene and Xylenes	Prot. 0023127-138- 28/03/2019 - LOTTO3822.DED073	1
PT-AQ-06C-MW1	2ltr Groundwater Sample	Prot. 0023127-138- 28/03/2019 - LOTTO3822.DED073	1
PT-AQ-06C-SP1	10ml BTX Spiking Soln.	Prot. 0023127-138- 28/03/2019 - LOTTO3822.DED073	1
PT-AQ-07B	07B - Chlorinated Solvents	Prot. 0023127-138- 28/03/2019 - LOTTO3822.DED073	1
PT-AQ-07B-MW1	2ltr Groundwater Sample	Prot. 0023127-138- 28/03/2019 - LOTTO3822.DED073	1
PT-AQ-07B-SP1	10ml Chlorinated Spiking Soln.	Prot. 0023127-138- 28/03/2019 - LOTTO3822.DED073	1

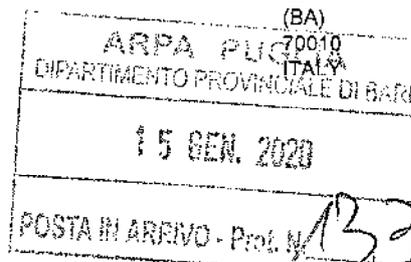
**Rif. Cliente:** Giacomo Dalessandro  
**Tel:** 0039 0881316234  
**Fax:** 0039 0881316201

**Causale del trasporto:** Vendita  
**Modalità di Spedizione:** CPT-D, Carriage Paid To (Delivery Address)  
**Vettore:**

**Nostro Rif.:** Umberto Copertino  
**AWB N.:** 7805286156

**Luogo di carico:** LGC Standards Proficiency Testing  
1 Chamberhall Business Park  
Chamberhall Green  
Bury  
BL9 0AP  
UK

**Luogo di scarico:** ARPA Puglia - Dip.to Prov.le di Bari  
Via Caduti di tutte le Guerre, 19  
2^Piano  
Bari  
(BA)  
70010  
ITALY



## Giuliana Mastrandrea

---

**Da:** Andrea Miccolis [a.miccolis@arpa.puglia.it]  
**Inviato:** venerdì 17 gennaio 2020 11:45  
**A:** 'Ordini ARPA Puglia'  
**Cc:** 'Francesca Ferrieri'; 'g.dalessandro@arpa.puglia.it'  
**Oggetto:** CIRCUITI INTERCONFRONTO - Attestazione "Regolare esecuzione" e DDT domanda di adesione 23130-23127/2019/BA - LGC lotto 1+lotto12 round AQ580  
**Allegati:** Attestazione LGC lotto1+lotto12 PTAQ04G-05G-06C-07B.pdf  
**Verifica:** **Destinatario**  
'Ordini ARPA Puglia'  
'Francesca Ferrieri'  
'g.dalessandro@arpa.puglia.it'

Su disposizione e per conto della Dott.ssa F..Ferrieri si trasmette in allegato

**Attestazione "Regolare esecuzione" e DDT. di quanto in oggetto**

**Distinti Saluti**  
**Andrea Miccolis**

Dott.Chim. Andrea Miccolis  
ARPA PUGLIA  
DAP Bari Via Caduti di tutte le guerre,7  
U.O.S. Chimica delle Matrici Ambientali



ARPA PUGLIA  
Agenzia regionale per la prevenzione  
e la protezione dell'ambiente

Sede legale  
Corso Trieste 27, 70126 Bari  
Tel. 080 5460111 Fax 080 5460150  
[www.arpa.puglia.it](http://www.arpa.puglia.it)  
C.F. e P.IVA. 05830420724

Dipartimento Ambientale Provinciale di LECCE  
U.O.S. *Chimica delle Acque*

e-mail [it@lgcstandards.com](mailto:it@lgcstandards.com)

Spett.le **LGC Standards S.r.l.**  
Via Tintoretto n. 5  
20145 Milano  
(P.IVA 03948960962)  
- Telefono 02/22476412

mail 20.08

Via e-mail a [ordini@arpa.puglia.it](mailto:ordini@arpa.puglia.it)

p.c.

ARPA Puglia  
U.O.S. Patrimonio ed Economato

OGGETTO: **Partecipazione Laboratori ARPA Puglia a circuiti interlaboratorio Delibera n. 73 del 08/02/2018.**

**"Circuiti interlaboratorio relativi alla matrice acqua sotterranea" – Lotto 12  
C.I.G. "73142852ED"**

- **Trasmissione domanda di adesione RT AQ576 campione 05G**

In esecuzione del contratto avente per oggetto la partecipazione ai "Circuiti interlaboratorio relativi alla matrice acqua sotterranea" – **Lotto 12** e sottoscritto in data 27/03/2018, si trasmette in allegato domanda di adesione ai circuiti organizzati da codesta Società ivi riportati.

Riferimenti: Laboratorio **Chimica delle Acque**  
del Dipartimento Ambientale Provinciale di **LECCE**

orari per la consegna del campione tra le ore 08:00 e le ore 14:00.

referenti per la consegna del campione sono: **Dr F. Sturdà; Dr.ssa S. Loguercio Polosa**  
tel 0832-1810014; 0832-1810002

e-mail: [f.sturda@arpa.puglia.it](mailto:f.sturda@arpa.puglia.it); [s.loguercio@arpa.puglia.it](mailto:s.loguercio@arpa.puglia.it); [a.romano@arpa.puglia.it](mailto:a.romano@arpa.puglia.it)

Informazioni in merito alla consegna del campione e del report potranno essere richieste direttamente ai citati referenti.

Si precisa che l'importo di € 295,00 deve essere imputato a:

- Conto di imputazione 712.100.00105
- Centro di costo 11140103.000.

ARPA PUGLIA Unica AOO  
Protocollo 0059851 del 20/05/2019  
UOB: SIDI, SILE  
UOB-CC: SGR, SILE  
T. 0191.0016  
0059851/200810

Si rammenta che ARPA Puglia è soggetta allo split payment.

Distinti saluti.

Il Dirigente Responsabile  
**Dott Filippo Sturdà**

Il Direttore dell'Esecuzione per il DAP Lecce  
**Dott ssa Antonella Romano**

  
IL DIRIGENTE CHIMICO  
(Dott Filippo Sturdà)





# Water & Environmental Chemistry Aquacheck 2019-20

Aquacheck Proficiency Testing Scheme Application Form



Please fill in your address details below:

Send Test Materials to:	Send Invoices to:
<b>Contact name:</b> Dott Filippo Sturda <b>Department:</b> DAP Lecce <b>Company:</b> ARPA Puglia <b>Address:</b> via Miglietta 2  <b>Town/City:</b> Lecce <b>Post/Zip Code:</b> 73100 <b>Country:</b> Italy <b>Tel:</b> 0832 1810014 <b>Fax:</b> <b>E-mail:</b> f.sturda@arpa.puglia.it; s.loguercio@arpa.puglia.it	<b>Contact name:</b> Dott Filippo Sturda - Dott.ssa Donatella Chionna <b>Department:</b> DAP Lecce <b>Company:</b> ARPA Puglia <b>Address:</b> via Miglietta 2  <b>Town/City:</b> Lecce <b>Post/Zip Code:</b> 73100 <b>Country:</b> Italy <b>Tel:</b> 0832 1810014 <b>Fax:</b> <b>E-mail:</b> f.sturda@arpa.puglia.it; d.chionna@arpa.puglia.it <b>VAT no:</b>

Send Report Notifications to:
<b>Contact name:</b> Dott.ssa Donatella Chionna <b>E-mail*:</b> d.chionna@arpa.puglia.it

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

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 <sup>#</sup>	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 <sup>#</sup>	Toxic Metals in Groundwater (Preserved in 0.5% Nitric Acid)	AQ 576
44 <sup>##</sup>	Haloacetic Acids <b>NEW</b>	

\*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.

<sup>##</sup>Please note that sample 44 is not currently within the scope of LGC's UKAS accreditation.

<sup>#</sup>Maximum number of distributions is two. <sup>##</sup>Maximum number of distributions is three.



# Water & Environmental Chemistry Aquacheck 2019-20

Aquacheck Proficiency Testing Scheme Application Form



Sample	Clean Waters - Organic	Round number(s) required
6A	Haloforms and Chlorinated Solvents	
6B <sup>#</sup>	Phenols	
6C <sup>#</sup>	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 a	
36 <sup>##</sup>	Taste and Odour	
37 <sup>##</sup>	Acrylamide	
38 <sup>##</sup>	UV Absorbing Organic Constituents	
39 <sup>##</sup>	Geosmin and MIB	
40 <sup>##</sup>	Fungicides	
41 <sup>##</sup>	Microcystin	
43 <sup>##</sup>	Triclosan <b>NEW</b>	

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	
35 <sup>##</sup>	BOD/COD at high concentration	

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

<sup>#</sup>Maximum number of distributions is two. <sup>##</sup>Maximum number of distributions is three.

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

<sup>##</sup>Please note that samples 33-43 are not currently within the scope of LGC's UKAS accreditation.



# Water & Environmental Chemistry

## Aquacheck 2019-20

Aquacheck Proficiency Testing Scheme Application Form



0601

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 <sup>#</sup>	Metals (Preserved in 0.5% Nitric Acid)	
17D	Ammonia, Phosphate and Nitrogen	
32 <sup>##</sup>	Sulfide	

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	

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 <sup>##</sup>	Plutonium and Uranium	

Sample	Ecotoxicology	Round number(s) required
50	Ecotoxicology Tests	

\*\*Maximum number of distributions is two. \*\*\*Maximum number of distributions is three. \*\*\*\*Maximum number of distributions is four.

<sup>#</sup>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.

<sup>##</sup>Please note that samples 32 and 42 are not currently within the scope of LGC's UKAS accreditation



# Water & Environmental Chemistry Aquacheck 2019-20

Aquacheck Proficiency Testing Scheme Application Form



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

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	<input type="checkbox"/>	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	<input type="checkbox"/>				

'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<sup>###</sup>

Please indicate the samples required below:

Round	Despatch Date	Reporting Deadline	Samples	Sample required (please tick)
AQ584	15 Apr	13 May	Synthetic Pyrethroid Insecticides	<input type="checkbox"/>
AQ585	29 Apr	28 May	M-Certs	<input type="checkbox"/>
AQ566	13 May	10 Jun	Saline Water – Nutrients	<input type="checkbox"/>
AQ567	28 May	24 Jun	Low Level CIP2 contaminants	<input type="checkbox"/>
AQ568	24 Jun	22 Jul	Acetate & Iodide	<input type="checkbox"/>
AQ569	08 Jul	05 Aug	EQSD Directive – Low Level Triazines	<input type="checkbox"/>
AQ570	22 Jul	19 Aug	Bottled Mineral Water	<input type="checkbox"/>
AQ571	13 Aug	09 Sep	Saline Water – Metals	<input type="checkbox"/>
AQ572	27 Aug	23 Sep	Semi-Volatile Organic Compounds	<input type="checkbox"/>
AQ573	16 Sep	14 Oct	Explosives in Groundwater	<input type="checkbox"/>
AQ574	30 Sep	28 Oct	Synthetic Pyrethroid Insecticides	<input type="checkbox"/>
AQ575	14 Oct	11 Nov	Volatile Organic Compounds (Fumigants) <b>NEW</b>	<input type="checkbox"/>
AQ576	28 Oct	25 Nov	Trihalomethanes & Nutrients in Recreational Water	<input type="checkbox"/>
AQ577	11 Nov	09 Dec	EQSD Directive – Low Level Organophosphorus & Chlorinated Solvents	<input type="checkbox"/>
AQ578	25 Nov	06 Jan 2020	Low Level CIP2 contaminants	<input type="checkbox"/>
AQ579	09 Dec	13 Jan	Pharmaceuticals	<input type="checkbox"/>
AQ580	13 Jan 2020	10 Feb	M-Certs	<input type="checkbox"/>
AQ581	27 Jan	24 Feb	EQSD Directive – Low Level Organochlorines	<input type="checkbox"/>
AQ582	10 Feb	09 Mar	Semi-Volatile Organic Compounds	<input type="checkbox"/>
AQ583	24 Feb	23 Mar	Saline Water – Nutrients	<input type="checkbox"/>

<sup>###</sup>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.



# Water & Environmental Chemistry Aquacheck 2019-20

Aquacheck Proficiency Testing Scheme Application Form



Please note:

- Please contact LGC Standards for prices.
- VAT (charged at the prevailing rate) is payable by all participants based in the UK and by those in the rest of the European Union if a VAT Registration Number is not provided.
- Participants outside the UK will pay an additional fee to cover courier charges. For details please contact LGC Standards Proficiency Testing.
- All courier charges set by LGC Standards Proficiency Testing 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 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.
- 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.
- Aquacheck Trial samples will be run subject to the registration of a sufficient number of participants and LGC Standards Proficiency Testing 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.

#### Existing customers

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

#### New customers

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

Yes, I am happy to be contacted about LGC's products, services and research

No, I do not require marketing information about LGC's products and services at this time

Signature ..... **Dott Filippo Sturdà**

Date **20/01/2019**



LGC Standards Proficiency Testing  
1 Chamberhall Business Park  
Chamberhall Green  
Bury  
BL9 0AP  
UK

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Fax +44(0)161 762 2501  
Web www.lgopt.com

## Documento di Trasporto

Page 1 of 2

### Destinatario Merce

ARPA Puglia - Dip.to Prov.le di Lecce  
Corso Trieste, 27  
Bari  
(BA)  
70126 ITALY

### Indirizzo di Consegna

ARPA Puglia - Dip.to Prov.le di Lecce  
Via Miglietta, 2  
Lecce  
(LE)  
73100  
ITALY

Partita IVA: 05830420724

Cod. Cliente	N. Ordine	Data di spedizione	Documento di Trasporto N.
20014400	X10770565	28/10/2019	2116624
Codice Prodotto / Descrizione	N. Ordine Cliente	Codice doganale	Q.tà pz.
PT-AQ-04G	04G - Metals in Groundwater (in 0.5% Nitric Acid)	Prot. 0059850 - 134 - 20/08/2019 - LOTT32.00.002	1
PT-AQ-04G-SP1	30ml Silver Sample	Prot. 0059850 - 134 - 20/08/2019 - LOTT32.00.002	1
PT-AQ-04G-SW1	500ml Metal Sample	Prot. 0059850 - 134 - 20/08/2019 - LOTT32.00.002	1
PT-AQ-05G	05G - Toxic Metals in Groundwater ( Preserved in 0.5% Nitric Acid)	Prot. 0059850 - 134 - 20/08/2019 - LOTT32.00.002	1
PT-AQ-05G-SP1	30ml Mercury Sample	Prot. 0059850 - 134 - 20/08/2019 - LOTT32.00.002	1
PT-AQ-05G-SP2	30ml Tin Sample	Prot. 0059850 - 134 - 20/08/2019 - LOTT32.00.002	1
PT-AQ-05G-SW1	500ml Metals Sample	Prot. 0059850 - 134 - 20/08/2019 - LOTT32.00.002	1
PT-AQ-06A	06A - Haloforms and Chlorinated Solvents	Prot. 0059850 - 134 - 20/08/2019 - LOTT32.00.002	1
PT-AQ-06A-MW1	2ltr Groundwater Sample	Prot. 0059850 - 134 - 20/08/2019 - LOTT32.00.002	1
PT-AQ-06A-SP1	H&C Spiking Soln.	Prot. 0059850 - 134 - 20/08/2019 - LOTT32.00.002	1
PT-AQ-06C	06C - Benzene, Toluene and Xylenes	Prot. 0059850 - 134 - 20/08/2019 - LOTT32.00.002	1
PT-AQ-06C-MW1	2ltr Groundwater Sample	Prot. 0059850 - 134 - 20/08/2019 - LOTT32.00.002	1
PT-AQ-06C-SP1	10ml BTX Spiking Soln.	Prot. 0059850 - 134 - 20/08/2019 - LOTT32.00.002	1
PT-AQ-07A	07A - Organochlorine Pesticides	Prot. 0059850 - 134 - 20/08/2019 - LOTT32.00.002	1
PT-AQ-07A-MW1	2ltr Groundwater Sample	Prot. 0059850 - 134 - 20/08/2019 - LOTT32.00.002	1
PT-AQ-07A-SP1	10ml spiking soln 1	Prot. 0059850 - 134 - 20/08/2019 - LOTT32.00.002	1
PT-AQ-07A-SP3	10ml spiking soln 2	Prot. 0059850 - 134 - 20/08/2019 - LOTT32.00.002	1
PT-AQ-07B	07B - Chlorinated Solvents	Prot. 0059850 - 134 - 20/08/2019 - LOTT32.00.002	1
PT-AQ-07B-MW1	2ltr Groundwater Sample	Prot. 0059850 - 134 - 20/08/2019 - LOTT32.00.002	1
PT-AQ-07B-SP1	10ml Chlorinated Spiking Soln.	Prot. 0059850 - 134 - 20/08/2019 - LOTT32.00.002	1
PT-AQ-07C	07C - Polycyclic Aromatic Hydrocarbons (2 Spikes)	Prot. 0059850 - 134 - 20/08/2019 - LOTT32.00.002	1
PT-AQ-07C-MW1	2ltr Groundwater Sample	Prot. 0059850 - 134 - 20/08/2019 - LOTT32.00.002	1
PT-AQ-07C-SP1	10ml PAH Spiking Solution Spike 1	Prot. 0059850 - 134 - 20/08/2019 - LOTT32.00.002	1
PT-AQ-07C-SP2	10ml PAH Spiking Solution Spike 2	Prot. 0059850 - 134 - 20/08/2019 - LOTT32.00.002	1
PT-AQ-08B	08B - Triazines and Urea Herbicides in Clean Water	Prot. 0059850 - 134 - 20/08/2019 - LOTT32.00.002	1
PT-AQ-08B-MW1	2ltr Groundwater Sample	Prot. 0059850 - 134 - 20/08/2019 - LOTT32.00.002	1
PT-AQ-08B-SP1	10ml Herbicides (Spike1)	Prot. 0059850 - 134 - 20/08/2019 - LOTT32.00.002	1
PT-AQ-08B-SP2	10ml Herbicides (Spike2)	Prot. 0059850 - 134 - 20/08/2019 - LOTT32.00.002	1
PT-AQ-09	09 - Organophosphorus Pesticides	Prot. 0059850 - 134 - 20/08/2019 - LOTT32.00.002	1
PT-AQ-09-MW1	2ltr Groundwater Sample	Prot. 0059850 - 134 - 20/08/2019 - LOTT32.00.002	1
PT-AQ-09-SP1	10ml OpP Spiking Soln	Prot. 0059850 - 134 - 20/08/2019 - LOTT32.00.002	1



LGC Standards Proficiency Testing  
1 Chamberhall Business Park  
Chamberhall Green  
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UK

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Fax +44(0)161 762 2501  
Web www.lgcpt.com

## Documento di Trasporto

Page 2 of 2

### Destinatario Merce

ARPA Puglia - Dip.to Prov.le di Lecce  
ARPA Puglia - Dip.to Prov.le di Lecce  
Corso Trieste, 27  
Bari  
(BA)  
70126 ITALY

### Indirizzo di Consegna

ARPA Puglia - Dip.to Prov.le di Lecce  
Via Miglietta, 2  
Lecce  
(LE)  
73100  
ITALY

Partita IVA: 05830420724

Partita IVA: 05830420724

Cod. Cliente  
20014400

N. Ordine  
X10770565

Data di spedizione  
28/10/2019

Documento di Trasporto N.  
2116624

Codice Prodotto / Descrizione      N. Ordine Cliente      Codice doganale      Q.tà pz.

Rif. Cliente:      Filippo Sturdà  
Tel:      +39 0832 1810027  
Fax:

Causale del trasporto:      Vendita      Nostro Rif.:      Umberto Copertino  
Modalità di Spedizione:      CPT-D, Carriage Paid To (Delivery Address)  
Vettore:      AWB N.:      6849772090

Luogo di carico:      LGC Standards Proficiency Testing  
1 Chamberhall Business Park  
Chamberhall Green  
Bury  
BL9 0AP  
UK      Luogo di scarico:      ARPA Puglia - Dip.to Prov.le di  
Lecce  
Via Miglietta, 2  
Lecce  
(LE)  
73100  
ITALY



Via e-mail  
[ordini@arpa.puglia.it](mailto:ordini@arpa.puglia.it)

Al Dirigente Responsabile  
Servizio Patrimonio ed Economato

**OGGETTO: Partecipazione Laboratori ARPA Puglia a circuiti interlaboratorio Delibera n. 73 del 08/02/2018**  
**"Circuiti Interlaboratorio relativi alla matrice acqua sotterranea" – Lotto 12**  
**C.I.G. 73142852ED. Aggiudicataria: LGC Standards S.r.l.**  
- **Attestazione di regolare esecuzione ordini di acquisto RT AQ576**

Il sottoscritto, sotto la propria responsabilità, attesta che la ditta **LGC Standards S.r.l.** (P.IVA:039489609662) ha evaso nei tempi e modi stabiliti dal contratto i seguenti ordinativi di acquisto:

- prot 59851 del 20/08/2019 per RT AQ576 campioni 5g

La distribuzione del succitato campione per RT AQ576 è avvenuta correttamente come nei tempi indicati dalla scheda di registrazione Aquacheck.

Tanto premesso, invita a liquidare la somma complessiva di € 295,00 - iva esclusa, alla ditta fornitrice.

1

Si allega in copia:

- prot 59851 del 20/08/2019
- DDT 2116624 consegna del 30/10/2019

Distinti saluti.

Dott. Filippo Sturda

SLP



ARPA PUGLIA  
Agenzia regionale per la prevenzione  
e la protezione dell'ambiente

Dipartimento Ambientale Provinciale di LECCE  
U.O.S. *Chimica delle Acque*

Sede legale  
Corso Trieste 27, 70126 Bari  
Tel. 080 5460111 Fax 080 5460150  
[www.arpa.puglia.it](http://www.arpa.puglia.it)  
C.F. e P.IVA. 05830420724

ARPA PUGLIA  
Protocollo 0059850 del 20/08/2019  
UO6 - S.M.C. S.M.F.  
UO6 - CO - S.M.C. S.M.F.  
T. 0149.0011  
Unica AOO  
0059850 200819

mai 20.08

e-mail [it@lqcstandards.com](mailto:it@lqcstandards.com)

Spett.le LGC Standards S.r.l.  
Via Tintoretto n. 5  
20145 Milano  
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- Telefono 02/22476412

Via e-mail a [ordini@arpa.puglia.it](mailto:ordini@arpa.puglia.it)

p.c.

ARPA Puglia  
U.O.S. Patrimonio ed Economato

OGGETTO: **Partecipazione Laboratori ARPA Puglia a circuiti interlaboratorio Delibera n. 73 del 08/02/2018**  
**"Circuiti Interlaboratorio relativi alla Matrice Acqua" – Lotto 1**  
**C.I.G. 7314208362**

- **Trasmissione domanda di adesione RT AQ 576 campioni 4G-6A-6C-7B-8B**

In esecuzione del contratto avente per oggetto la partecipazione ai "Circuiti Interlaboratorio relativi alla Matrice Acqua" – **Lotto 1** e sottoscritto in data 27/03/2018, si trasmette in allegato domanda di adesione ai circuiti organizzati da codesta Società ivi riportati.

Riferimenti: Laboratorio **Chimica delle Acque**  
del Dipartimento Ambientale Provinciale di **LECCE**

orari per la consegna del campione tra le ore 08:00 e le ore 13:00.

referenti per la consegna del campione sono: **Dr F. Sturdà; Dr.ssa S. Loguercio Polosa**  
tel 0832-1810014; 0832-1810002

e-mail: [f.sturda@arpa.puglia.it](mailto:f.sturda@arpa.puglia.it); [s.loguercio@arpa.puglia.it](mailto:s.loguercio@arpa.puglia.it); [a.romano@arpa.puglia.it](mailto:a.romano@arpa.puglia.it)

Informazioni in merito alla consegna del campione e del report potranno essere richieste direttamente ai citati referenti.

Si precisa che l'importo di **€ 1475,00** deve essere imputato a:

- Conto di imputazione 712.100.00105
- Centro di costo 11140103.000.

Si rammenta che ARPA Puglia è soggetta allo split payment.

Distinti saluti.

Il Dirigente Responsabile  
**Dott Filippo Sturdà**

Il Direttore dell'Esecuzione per il DAP Lecce  
**Dott ssa Antonella Romano**

IL DIRIGENTE CHIMICO  
(Dott. Filippo Sturdà)



# Water & Environmental Chemistry Aquacheck 2019-20

Aquacheck Proficiency Testing Scheme Application Form



Please complete all the relevant sections of the application form indicating the samples required on pages 2-6 and return to LGC Standards Proficiency Testing by email, fax or post.

Returning customer Lab ID:  Purchase order no.:

Round	Despatch date	Reporting Deadline	Samples																																			
			Clean Waters																	Radio Chem		Waste Waters										Soils & Sludges		Eco tox				
AG	AG	6A	6B	6C	7A	7B	7C	7D	8	8B	9	22	22A	25	26	28	33	37	30	31	18A	18B	18C	18A	18B	18C	18D	20	20B	21	23	24	27		13	16		
AQ564	15 Apr	13 May																																				
AQ565	29 Apr	28 May																																				
AQ566	13 May	10 Jun																																				
AQ567	28 May	24 Jun																																				
AQ568	24 Jun	22 Jul																																				
AQ569	08 Jul	05 Aug																																				
AQ570	22 Jul	18 Aug																																				
AQ571	12 Aug	09 Sep																																				
AQ572	27 Aug	23 Sep																																				
AQ573	16 Sep	14 Oct																																				
AQ574	30 Sep	28 Oct																																				
AQ575	14 Oct	11 Nov																																				
AQ576	20 Oct	25 Nov																																				
AQ577	11 Nov	09 Dec																																				
AQ578	25 Nov	05 Jan 20																																				
AQ579	09 Dec	13 Jan																																				
AQ580	13 Jan 20	10 Feb																																				
AQ581	27 Jan	24 Feb																																				
AQ582	10 Feb	09 Mar																																				
AQ583	24 Feb	23 Mar																																				

Not available  
In addition to the above schedule, please note that the Water Framework Directive samples and trial samples are available on page 6.  
For details on the full technical specification of the scheme please refer to the Aquacheck Scheme Description

LGC Standards Proficiency Testing, 1 Chamberhall Business Park, Chamberhall Green, Bury, BL9 0AP, UK.  
Telephone: +44 (0) 161 762 2500, Fax: +44 (0) 161 762 2501  
E-mail: [pcustomerservices@lgcgroup.com](mailto:pcustomerservices@lgcgroup.com), Web: [www.lgcstandards.com](http://www.lgcstandards.com)



# Water & Environmental Chemistry

## Aquacheck 2019-20

Aquacheck Proficiency Testing Scheme Application Form



Please fill in your address details below:

Send Test Materials to:	Send Invoices to:
<b>Contact name:</b> Dott Filippo Sturdà <b>Department:</b> OAP Lecce <b>Company:</b> ARPA Puglia <b>Address:</b> via Miglietta 2  <b>Town/City:</b> Lecce <b>Post/Zip Code:</b> 73100 <b>Country:</b> Italy <b>Tel:</b> 0832 1810014 <b>Fax:</b> <b>E-mail:</b> f.sturda@arpa.puglia.it; s.loguercio@arpa.puglia.it	<b>Contact name:</b> Dott Filippo Sturdà - Dott.ssa Donatella Chionna <b>Department:</b> OAP Lecce <b>Company:</b> ARPA Puglia <b>Address:</b> via Miglietta 2  <b>Town/City:</b> Lecce <b>Post/Zip Code:</b> 73100 <b>Country:</b> Italy <b>Tel:</b> 0832 1810014 <b>Fax:</b> <b>E-mail:</b> f.sturda@arpa.puglia.it; d.chionna@arpa.puglia.it <b>VAT no:</b>

Send Report Notifications to:
<b>Contact name:</b> Dott.ssa Donatella Chionna <b>E-mail:</b> d.chionna@arpa.puglia.it

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

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)	AQ 576
5 <sup>#</sup>	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 <sup>#</sup>	Toxic Metals in Groundwater (Preserved in 0.5% Nitric Acid)	
44 <sup>##</sup>	Halooacetic Acids <b>NEW</b>	

\*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.

<sup>##</sup>Please note that sample 44 is not currently within the scope of LGC's UKAS accreditation.

<sup>\*\*</sup>Maximum number of distributions is two. <sup>\*\*\*</sup>Maximum number of distributions is three.



# Water & Environmental Chemistry

## Aquacheck 2019-20

Aquacheck Proficiency Testing Scheme Application Form



Sample	Clean Waters - Organic	Round number(s) required
6A	Halofoms and Chlorinated Solvents	AQ 576
6B <sup>#</sup>	Phenols	
6C <sup>#</sup>	Benzene, Toluene and Xylenes	AQ 576
7A <sup>#</sup>	Organochlorine Pesticides	
7B	Chlorinated Solvents	AQ 576
7C	Polycyclic Aromatic Hydrocarbons	
7D	Polychlorinated Biphenyls	
8 <sup>#</sup>	Acid Herbicides	
8B <sup>#</sup>	Triazines and Urea Herbicides	AQ 576
9 <sup>#</sup>	Organophosphorus Pesticides	
26	PFOS and PFOA	
28	Formaldehyde	
33 <sup>##</sup>	Chlorophyll a	
36 <sup>##</sup>	Taste and Odour	
37 <sup>##</sup>	Acrylamide	
38 <sup>##</sup>	UV Absorbing Organic Constituents	
39 <sup>##</sup>	Geosmin and MIB	
40 <sup>##</sup>	Fungicides	
41 <sup>##</sup>	Microcystin	
43 <sup>##</sup>	Triclosan <b>NEW</b>	

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	
35 <sup>##</sup>	BOD/COD at high concentration	

Sample	Sewage Sludge - Inorganic Determinands	Round number(s) required
13	Sewage Sludge Inorganics and Specific Elements	
16 <sup>#</sup>	Compositional Analysis of Sewage Sludge	

<sup>#</sup>Maximum number of distributions is two. <sup>##</sup>Maximum number of distributions is three.

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

<sup>##</sup>Please note that samples 33-43 are not currently within the scope of LGC's UKAS accreditation.



# Water & Environmental Chemistry Aquacheck 2019-20

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 <sup>**</sup>	Metals (Preserved in 0.5% Nitric Acid)	
17D	Ammonia, Phosphate and Nitrogen	
32 <sup>***</sup>	Sulfide	

Sample	Waste Waters – Organic	Round number(s) required
18A	Halofoms 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	

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 <sup>****</sup>	Plutonium and Uranium	

Sample	Ecotoxicology	Round number(s) required
50	Ecotoxicology Tests	

\*\*Maximum number of distributions is two. \*\*\*Maximum number of distributions is three. \*\*\*\*Maximum number of distributions is four.

<sup>#</sup>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.

<sup>##</sup>Please note that samples 32 and 42 are not currently within the scope of LGC's UKAS accreditation



# Water & Environmental Chemistry Aquacheck 2019-20

Aquacheck Proficiency Testing Scheme Application Form



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

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	<input type="checkbox"/>	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	<input type="checkbox"/>				

'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<sup>###</sup>

Please indicate the samples required below:

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

<sup>###</sup>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.



# Water & Environmental Chemistry Aquacheck 2019-20

Aquacheck Proficiency Testing Scheme Application Form



Please note:

- Please contact LGC Standards for prices.
- VAT (charged at the prevailing rate) is payable by all participants based in the UK and by those in the rest of the European Union if a VAT Registration Number is not provided.
- Participants outside the UK will pay an additional fee to cover courier charges. For details please contact LGC Standards Proficiency Testing.
- All courier charges set by LGC Standards Proficiency Testing 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 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.
- 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.
- Aquacheck Trial samples will be run subject to the registration of a sufficient number of participants and LGC Standards Proficiency Testing 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.

### Existing customers

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

### New customers

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

Yes, I am happy to be contacted about LGC's products, services and research

No, I do not require marketing information about LGC's products and services at this time

Signature

Doti Filippo Sturdá

  
Doti Filippo Sturdá

Date

22/08/2019



LGC Standards Proficiency Testing  
1 Chamberhall Business Park  
Chamberhall Green  
Bury  
BL9 0AP  
UK

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Fax +44(0)161 762 2501  
Web www.lgcpt.com

## Documento di Trasporto

Page 1 of 2

### Destinatario Merce

ARPA Puglia - Dip.to Prov.le di Lecce  
Corso Trieste, 27  
Bari  
(BA)  
70126 ITALY

### Indirizzo di Consegna

ARPA Puglia - Dip.to Prov.le di Lecce  
Via Miglietta, 2  
Lecce  
(LE)  
73100  
ITALY

Partita IVA: 05830420724

Cod. Cliente 20014400 N. Ordine X10770565 Data di spedizione 28/10/2019 Documento di Trasporto N. 2116624

Codice Prodotto / Descrizione	N. Ordine Cliente	Codice doganale	Q.tà pz.
PT-AQ-04G	04G - Metals in Groundwater (in 0.5% Nitric Acid)	Prot. 0059850 - 134 - 20/08/2019 - LOTT3322.00.002	1
PT-AQ-04G-SP1	30ml Silver Sample	Prot. 0059850 - 134 - 20/08/2019 - LOTT3322.00.002	1
PT-AQ-04G-SW1	500ml Metal Sample	Prot. 0059850 - 134 - 20/08/2019 - LOTT3322.00.002	1
PT-AQ-05G	05G - Toxic Metals in Groundwater ( Preserved in 0.5% Nitric Acid)	Prot. 0059850 - 134 - 20/08/2019 - LOTT3322.00.002	1
PT-AQ-05G-SP1	30ml Mercury Sample	Prot. 0059850 - 134 - 20/08/2019 - LOTT3322.00.002	1
PT-AQ-05G-SP2	30ml Tin Sample	Prot. 0059850 - 134 - 20/08/2019 - LOTT3322.00.002	1
PT-AQ-05G-SW1	500ml Metals Sample	Prot. 0059850 - 134 - 20/08/2019 - LOTT3322.00.002	1
PT-AQ-06A	06A - Haloforms and Chlorinated Solvents	Prot. 0059850 - 134 - 20/08/2019 - LOTT3322.00.002	1
PT-AQ-06A-MW1	2ltr Groundwater Sample	Prot. 0059850 - 134 - 20/08/2019 - LOTT3322.00.002	1
PT-AQ-06A-SP1	H&C Spiking Soln.	Prot. 0059850 - 134 - 20/08/2019 - LOTT3322.00.002	1
PT-AQ-06C	06C - Benzene, Toluene and Xylenes	Prot. 0059850 - 134 - 20/08/2019 - LOTT3322.00.002	1
PT-AQ-06C-MW1	2ltr Groundwater Sample	Prot. 0059850 - 134 - 20/08/2019 - LOTT3322.00.002	1
PT-AQ-06C-SP1	10ml BTX Spiking Soln.	Prot. 0059850 - 134 - 20/08/2019 - LOTT3322.00.002	1
PT-AQ-07A	07A - Organochlorine Pesticides	Prot. 0059850 - 134 - 20/08/2019 - LOTT3322.00.002	1
PT-AQ-07A-MW1	2ltr Groundwater Sample	Prot. 0059850 - 134 - 20/08/2019 - LOTT3322.00.002	1
PT-AQ-07A-SP1	10ml spiking soln 1	Prot. 0059850 - 134 - 20/08/2019 - LOTT3322.00.002	1
PT-AQ-07A-SP3	10ml spiking soln 2	Prot. 0059850 - 134 - 20/08/2019 - LOTT3322.00.002	1
PT-AQ-07B	07B - Chlorinated Solvents	Prot. 0059850 - 134 - 20/08/2019 - LOTT3322.00.002	1
PT-AQ-07B-MW1	2ltr Groundwater Sample	Prot. 0059850 - 134 - 20/08/2019 - LOTT3322.00.002	1
PT-AQ-07B-SP1	10ml Chlorinated Spiking Soln.	Prot. 0059850 - 134 - 20/08/2019 - LOTT3322.00.002	1
PT-AQ-07C	07C - Polycyclic Aromatic Hydrocarbons (2 Spikes)	Prot. 0059850 - 134 - 20/08/2019 - LOTT3322.00.002	1
PT-AQ-07C-MW1	2ltr Groundwater Sample	Prot. 0059850 - 134 - 20/08/2019 - LOTT3322.00.002	1
PT-AQ-07C-SP1	10ml PAH Spiking Solution Spike 1	Prot. 0059850 - 134 - 20/08/2019 - LOTT3322.00.002	1
PT-AQ-07C-SP2	10ml PAH Spiking Solution Spike 2	Prot. 0059850 - 134 - 20/08/2019 - LOTT3322.00.002	1
PT-AQ-08B	08B - Triazines and Urea Herbicides in Clean Water	Prot. 0059850 - 134 - 20/08/2019 - LOTT3322.00.002	1
PT-AQ-08B-MW1	2ltr Groundwater Sample	Prot. 0059850 - 134 - 20/08/2019 - LOTT3322.00.002	1
PT-AQ-08B-SP1	10ml Herbicides (Spike1)	Prot. 0059850 - 134 - 20/08/2019 - LOTT3322.00.002	1
PT-AQ-08B-SP2	10ml Herbicides (Spike2)	Prot. 0059850 - 134 - 20/08/2019 - LOTT3322.00.002	1
PT-AQ-09	09 - Organophosphorus Pesticides	Prot. 0059850 - 134 - 20/08/2019 - LOTT3322.00.002	1
PT-AQ-09-MW1	2ltr Groundwater Sample	Prot. 0059850 - 134 - 20/08/2019 - LOTT3322.00.002	1
PT-AQ-09-SP1	10ml OpP Spiking Soln	Prot. 0059850 - 134 - 20/08/2019 - LOTT3322.00.002	1



LGC Standards Proficiency Testing  
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Fax +44(0)161 762 2501  
Web www.lgcpt.com

## Documento di Trasporto

Page 2 of 2

**Destinatario Merce**

ARPA Puglia - Dip.to Prov.le di Lecce  
ARPA Puglia - Dip.to Prov.le di Lecce  
Corso Trieste, 27  
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(BA)  
70126 ITALY

**Indirizzo di Consegna**

ARPA Puglia - Dip.to Prov.le di Lecce  
Via Miglietta, 2  
Lecce  
(LE)  
73100  
ITALY

Partita IVA: 05830420724

Partita IVA: 05830420724

**Cod. Cliente**  
20014400

**N. Ordine**  
X10770565

**Data di spedizione**  
28/10/2019

**Documento di Trasporto N.**  
2116624

**Codice Prodotto / Descrizione** **N. Ordine Cliente** **Codice doganale** **Q.tà pz.**

**Rif. Cliente:** Filippo Sturdà  
**Tel:** +39 0832 1810027  
**Fax:**

**Causale del trasporto:** Vendita **Nostro Rif.:** Umberto Copertino  
**Modalità di Spedizione:** CPT-D, Carriage Paid To (Delivery Address)  
**Vettore:** **AWB N.:** 6849772090

**Luogo di carico:** LGC Standards Proficiency Testing  
1 Chamberhall Business Park  
Chamberhall Green  
Bury  
BL9 0AP  
UK  
**Luogo di scarico:** ARPA Puglia - Dip.to Prov.le di  
Lecce  
Via Miglietta, 2  
Lecce  
(LE)  
73100  
ITALY



Via e-mail  
[ordini@arpa.puglia.it](mailto:ordini@arpa.puglia.it)

Al Dirigente Responsabile  
U.O.S. Patrimonio ed Economato

**OGGETTO: Partecipazione Laboratori ARPA Puglia a circuiti interlaboratorio Delibera n. 73 del 08/02/2018**  
**"Circuiti Interlaboratorio relativi alla Matrice Acqua" – Lotto 1**  
**C.I.G. 7314208362. Aggiudicataria: LGC Standards S.r.l.**  
**- Attestazione di regolare esecuzione ordini di acquisto RT AQ576**

Il sottoscritto, sotto la propria responsabilità, attesta che la ditta **LGC Standards S.r.l.** (P.IVA:039489609662) ha evaso nei tempi e modi stabiliti dal contratto i seguenti ordinativi di acquisto:

- prot 59850 del 20/08/2019 per RT AQ576 campioni 4g- 6a – 6c – 7b – 8b

La distribuzione del succitato campione per RT AQ576 è avvenuta correttamente come nei tempi indicati dalla scheda di registrazione Aquacheck.

Tanto premesso, invita a liquidare la somma complessiva di € 1475,00 - iva esclusa, alla ditta fornitrice.

1

Si allega in copia:

- prot 59850 del 20/08/2019
- DDT 2116624 consegna del 30/10/2019

Distinti saluti.

  
Dott. Filippo Sturdà

SLP

## Giuliana Mastrandrea

---

**Da:** Simonetta Loguercio Polosa [s.loguercio@arpa.puglia.it]  
**Inviato:** mercoledì 18 dicembre 2019 13:29  
**A:** ordini@arpa.puglia.it  
**Cc:** f.sturda@arpa.puglia.it  
**Oggetto:** Circuiti interlaboratorio relativi alla matrice acqua sotterranea" - Lotto 12 C.I.G. "73142852ED"- LGC Standards S.r.l.  
**Allegati:** LGC RTAQ576 lotto12 5g.pdf

**Contr. completamento:** Completare  
**Stato contrassegno:** Contrassegnato

In allegato alla presente si invia:

- l'attestazione di esecuzione relativa alla Domanda di Adesione prot [59851](#) round [AQ576](#) campione PT-AQ 05G;
- il DDT;
- Domanda di Adesione prot [59851](#) round [AQ576](#) campione PT-AQ 05G

Cordiali saluti

Simona Loguercio Polosa