Hawarden Container Guide

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ALE 227

- 500ml coloured glass bottle
- Phenols by GCMS, Urea Herbicides, Pesticides, Urons, Organotin, Triazines, TPH IR-Oil & Grease, EPH, MO, PAHs, PCBs, SVOCs, HBCDD, Nitrosamines.



ALE 208

- 500ml Plastic Bottle
- Alkalinity/Acidity/ Hardness/TIC/ DOC/DIC/pH/ TON/TSS/SS/ EC/DO/Anions/ KJN/ COD/VSS/Cr VI



ALE 260

- Plastic tub
- Holds 1kg
- Soils
- Asbestos ID & Quantification
- PFAS/Top soil
- PSD/Leachates



ALE 230 (Eco Box)

- Cardboard tub
- Holds 1kg
- Soils
- Asbestos ID & Quantification
- PFAS/Top soil
- PSD/Leachates



ALE 212

- 250ml plastic with blue lid
- BOD



STL 19

- Basic bacterial determinants carried out at Coventry. **Please discuss with client services if required.**



DO Kit

- Alsterberg reagent & Manganous sulphate reagent
- 2 x pipettes
- QF.7.4.7- H&S/Instructions for use
- Double barcoded label
- Red top/glass bottle



Syringe Kit

- Syringe
- Syringe Filters



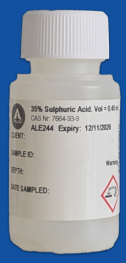
ALE297

- 40ml glass vial
- VOC/GRO Oxygenates
- n-hexane/alchols & acetates
- VFA/Low-Level VOC
- Dissolved gases (no headspace)



ALE001

- 50ml digitube
- PFAS Water
- Top Assay



ALE244

- 60ml plastic Sulphuric acid preserve
- NH4, TOC, Phenols by HPLC unfiltered



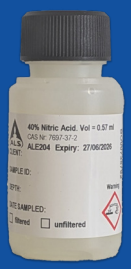
ALE246

- 60ml plastic Zinc acetate preserve
- Sulphide unfiltered



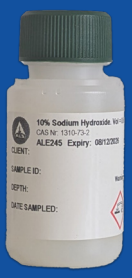
ALE250

- 60ml plastic
- hydrochloric acid preserve
- Fe2+/ Fe3+/Mn2+ filtered, Saline TOC



ALE204

- 60ml plastic
- Nitric acid preserve
- Dissolved metals/Mercury (filtered)/Total Metals/Mercury (unfiltered)



ALE245

- 60ml plastic
- Sodium hydroxide preserve
- Cyanide & Nitrite unfiltered



ALE210

- Amber glass jar 250g
- Soils/Organics TPH/PAH/PCBs Pesticides Metals Inorganics/FOC



ALE215

- Amber glass jar 60g
- Soils/VOC/GRO Oxygenates/n-hexane
- Alcohols & acetates

ALS Container & Logistics Guide

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ALS Logistics

Booking container deliveries and collection of samples

Please note that you can request delivery of containers and collections from your site or office on our myALS portal using the following link: https://myals.alsglobal.co.uk/

If you require a login for our portal or any support with your logistical requirements, please contact our dedicated logistics team at **hawardencouriers@alsglobal.com or telephone 0845 900 3800.**

Collection requests should be made before midday on the day required, with container requests needed before 2pm on the day prior to requested delivery. Ensure you take a note of the CitySprint HAWB No provided to you as this must be used to complete the returns label and can also be used to track your samples.

Packaging Samples

Please ensure you have retained the relevant barcode sticker per container to schedule your samples through the myALS portal.

Please provide your myALS order number alongside your samples if available. We recommend your myALS order is submitted as soon as possible to ensure your samples are processed upon receipt and holding times are not compromised. Alternatively, a paper Chain of Custody (CoC) can be provided on request. This should be completed in full and submitted alongside your samples to ensure that the samples can be registered accurately.

Cool boxes/bags must not weigh more than 15kg

Labelling

The returns label included must be completed and placed in/under the clear plastic document wallet for each cool bag. Please note the following on the returns label:

- City Sprint HAWB no (provided when booking the collection)
- Turnaround required for sample testing
- Senders information (your details)

City Sprint Drop Off Service

Available at the following locations. Prior booking is required, and your returns label must be fully completed before dropping off. Please contact ALS for full details.

BIRMINGHAM	LEEDS	BRISTOL	GUILDFORD
READING	SWINDON	GLASGOW	SHEFFIELD
SOUTHAMPTON	CARDIFF	MILTON KEYNES	NOTTINGHAM
HEATHROW	MANCHESTER	WARWICK	LONDON SE1

You can contact ALS Hawarden via:

Client portal: myALS Email: hawardencouriers@alsglobal.co.uk Phone: 0845 900 3800

ALS Laboratories (UK) Ltd. Unit 7&8, Hawarden Business Park, Manor Road, Hawarden, Flintshire. CH5 3US

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Sampling information
Information Sheet No: QF.7.4.5
Date: 17/01/2025
Issue: 4

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Sampling Information Sheet for Environmental Samples

Detailed below is a list of the sample bottles provided by ALS Laboratories (UK) Ltd for the analysis of environmental samples. The bottles you have received have been selected from this list to provide the Laboratory with sufficient sample for the analysis as detailed on the accepted quote. Environmental samples must be sampled into the correct bottles. The bottles are dispatched with pre-printed labels. Please keep the bottles clean and dry to prevent contamination. Contact ALS Hawarden as soon as possible if you wish to change analysis details, so that, if necessary, additional bottles can be dispatched. If samples require sub-sampling for extra analysis this may result in some degradation of certain parameters or a reduction in obtainable detection limits.

Environmental Bottles List

Ref.	Bottle Type	Bottle Description	Analysis
Water			
ALE204	Metals/Mercury total (unfiltered on site) /dissolved (filtered on site)	60ml plastic preserve Dosage: 0.57 ml of Nitric Acid 40% (w/w)	Metals/Mercury total (unfiltered on site) /dissolved (filtered on site)
ALE244	Ammoniacal nitrogen	60ml plastic preserve Dosage: 0.45 ml Sulphuric Acid 35% (w/w)	Ammoniacal nitrogen, ammonia free and total, Phenols by HPLC, TOC, Low level TOC
ALE245	Cyanide/Nitrite/Nitrate	60ml plastic preserve Dosage:0.6 ml Sodium Hydroxide 10% (w/w)	Cyanide, Total, free and thiocyanate. Nitrate analysis also requires ALE 208
ALE246	Sulphide	60ml plastic preserve Dosage 0.6 ml Zinc-Acetate solution (ZnAc2.2H2O) 2.5% (w/w)	Sulphide
ALE250	Fe^{2+}/Mn^{2+}	60ml plastic preserve Dosage: 0.48 ml Hydrochloric Acid 21% (w/w)	Fe^{2+}/Mn^{2+} (filtered on site)
ALE212	BOD	250ml Plastic plain with blue lid	BOD
ALE208	Inorganic parameters	500ml Plastic plain	Majority of inorganic parameters
ALE221	**Inorganic parameters**	**1000ml Plastic plain**	**Subcontracting tests only**
ALE227	Organic parameters,	500ml Glass Green bottle	Pesticides/Acid Herbicides/Urons, PAHs/EPH/MO/PCBs/SVOCs/TPHIR etc
ALE220	**Organic parameters,**	**1000ml Glass Green bottle**	**Subcontracting tests only**
ALE297	VOC (no headspace)	40ml Glass vial	VOC/GRO plus other volatiles
ALE001	PFAS	60ml plain DIGI tube	PFAS water, Top Assay
BTF-201-090x	DO (Dissolved Oxygen)	250 ml clear glass bottle with stopper **DO_2 Pack**: 5ml Alsterberg Reagent - Alkaline Iodide/Azide reagent comprises: 50% m/m Sodium Hydroxide, 0.1% m/m Sodium Azide and 7.5% m/m Potassium Iodide. 5ml of Manganous (II) Sulphate 50%m/ml	DO (to be used with preservation kit)
Solids			
ALE215	VOC (no headspace)	60g Glass Amber Jar	VOC/GRO plus other volatiles
ALE210	Inorganic/Organic parameters	250g Glass Amber Jar	Metals/anions/PAHs/ EPH/MO/ PCBs/SVOCs etc.
ALE260	Various parameters	1kg Plastic tub with handle	Asbestos ID/quant./ WAC leachates/ Soil quality/texture/PSDs/Top soil
ALE230	Various parameters	1kg Eco Box – biodegradable with PLA lining	Asbestos ID/quant./ WAC leachates/ Soil quality/texture/PSDs/Top soil
ALE218	Sludge pot	600 ml, transparent, polyethylene	Bacti/ Metals/Inorganics

Bacti

STL19	Small Bacti	500ml Round plastic (PET (irradiated) Dosage: Dosage: (0.5ml of 3% w/v Sodium Thiosulphate Solution = 0.1ml of 1.8% w/v Sodium Thiosulphate per 100ml	Basic bacterial determinants
NOTES:	**Shading** indicates that bottles contain measured quantities of chemical preservatives: • **Wear eye protection and nitrile gloves when filling these bottles.** • These bottles must not be emptied or rinsed out before filling with sample. • Please ensure that these bottles have not passed their expiry dates before use. • Take care as some of the preservative may remain in the bottle cap. 1. FILL THE PRESERVE BOTTLES CAREFULLY TO THE TOP WITHOUT OVERFLOWING. **Immediate First Aid advice, in case of a small, accidental spillage, is provided in the table over the page.** Safety Data Sheets (SDS) information is available at https://www.identipack.com/en/sds-sheets		

Sample Preservative Health and Safety Information
This information is only to be used as a First Aid guide in case of an accident **before sampling.**
Note: *when the bottles have been filled with sample the nature of any hazard will be due to the sample and any compounds that may have formed by its interaction with the preservatives. Therefore the information given below may not be relevant to filled bottles.*

Bottle Type	ALE245	ALE204	ALE250	ALE244	ALE246	STL19
Preservative	Sodium Hydroxide	Nitric Acid	Hydrochloric Acid	Sulphuric Acid	Zinc Acetate	Sodium Thiosulphate
CAS No.	1310-73-2	7697-37-2	7647-01-0	7664-93-9	5970-45-6	7772-98-7
Classification	2.  **WARNING**				3.  **WARNING**	4. NON-HAZARDOUS
Hazards	H314-Causes severe burns, and eye damage				H302-Harmful if swallowed. H319-Causes serious eye irritation. H410- Very toxic to aquatic life with long lasting effects.	
PERSONAL PROTECTIVE EQUIPMENT - WEAR DISPOSABLE GLOVES (EN374, 0.11mm) **& WEAR EYE PROTECTION** (EN166)						

First Aid Information for Sample Preservatives
In the event of an accident, please follow the advice below.
If medical attention is required, please give this sheet to the paramedic.

Additional Information

- **If you suspect your sample may contain asbestos please ensure this is indicated on the chain of custody and the label on the container. Ensure the container is securely sealed and double bagged.**
- Please take care when un-wrapping bottles and retain the packing materials for the return journey.
- Please fill all the bottles for each sample and complete the bottle label for each bottle with the Name /Number of the sampling point. If a chain of custody sheet was enclosed it should be completed, detailing the analysis required for each sample, the service required and the addresses for reporting and invoicing.
- If there is only a limited volume of sample available, please contact ALS who will be able to advise.
- Please return samples and relevant documents to ALS as soon as possible, ensuring that all the bottles are securely sealed, wrapped and packed tightly into the boxes supplied. ***Thank you***

5. ***NOTE:*** *PLEASE RETURN ALL ALS COOL BOXES AS SOON AS POSSIBLE, SO THAT THEY CAN BE KEPT IN CIRCULATION. PLEASE CONTACT ALS IF YOU HAVE ANY QUERIES REGARDING THE PACKAGING OF BOTTLES/SAMPLES: THE BOTTLES FOR TRANSPORTING YOUR SAMPLES BACK TO THE LABORATORY ARE PROVIDED FREE OF CHARGE. THEY REMAIN THE PROPERTY OF ALS AND SHOULD NOT BE USED FOR ANY OTHER PURPOSE. PLEASE RETURN ALL UNUSED BOTTLES*

If ALS Laboratories (UK) Ltd can be of any further assistance, or if you have any queries regarding this matter, please contact the Customer Services Team at the address/telephone number given above.

ALS Cool Bag Guide

Liquids

- Place the bubble wrapped samples into the base of the cardboard box.
- Keep tall containers on one side of the box, all containers should be standing upright.
- Add 2x frozen icepacksinto the centre of the box.
- Limit empty space within the box to avoid samples moving around during transport.
- Where possible, use plastic containers to keep glass separate.
- Pack no more than 5x vials per bubble bag, keeping a snug fit to avoid movement within the bag.
- Don't over pack boxes.



Solids

- Place ALE230/ALE260 containers upright in the base of the cardboard box. 10x 1kg tubs (ALE260) can be packed into 1 cool bag.
- Use bubble bags for all glass jars (ALE210/ALE215).
- Pack 2x 250g jars per bubble bag.
- Pack 4x 60g jars per bubble bag.
- Limit empty space within the box to avoid samples moving around during transport.
- Place plastic tubs at the bottom of the bag and add glass jars on top where possible.
- Add ice packs into middle of the box.





IMPORTANT INFORMATION

When packing your samples for return to the Hawarden laboratory, please retain the cardboard box/bubble bags from your container delivery to ensure samples are protected during transportation. If sampling over several days, please order extra cool bags to ensure you have enough for a daily return of samples.

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