

Bottle Types

ELS delivers a range of bottle types featuring different labels to our clients based on the sampling technique and preservatives required for each analysis.

Chemical Water Sample
Ph 0800 576 5016
ELS
Location/Supply
Date and Time
Sample Number
Samplers Name
Does not contain preservative
FILL DIRECTLY – DO NOT RINSE

Unpreserved bottle – Purple border

Used for all water types and effluents

This bottle is used for 'shorts', such as BOD, suspended solids, pH, conductivity, turbidity, and alkalinity species.

TOC
Ph 0800 576 5016
ELS
Chemical Water Sample
Location/Supply
Date and Time
Sample Number
Samplers Name
Does not contain preservative
FILL DIRECTLY – DO NOT RINSE

150mL Brown Glass Bottle - Brown border

Used for all water types

Used for all forms of carbon analyses including Total Organic Carbon, Dissolved Organic Carbon, Non-Purgeable Organic Carbon, and Purgeable Organic Carbon. Please fill the bottle carefully so that air is not introduced. Refrigerate before delivery to ELS.

Total Nutrients
Ph 0800 576 5016
ELS
Chemical Water Sample
Location/Supply
Date and Time
Sample Number
Samplers Name
Does not contain preservative
FILL DIRECTLY – DO NOT RINSE

100mL Total Nutrients bottle – Red border

Used for all water types and effluents

Total Phosphorus and Total Nitrogen are sampled in this bottle. It is recommended that the bottle be filled almost to the top, frozen then delivered to ELS. Alternatively the sample can be delivered to ELS within one hour of sample collection.

Nutrients
Ph 0800 576 5016
ELS
Chemical Water Sample
Location/Supply
Date and Time
Sample Number
Samplers Name
Does not contain preservative – Should be filtered on site
FILL DIRECTLY – DO NOT RINSE

100ml Nutrients – Yellow border

Used for all water types and effluents

Use this bottle for dissolved nutrients such as DRP, Nitrate-Nitrite Nitrogen, and ammonia. It is recommended that the sample be filtered on-site, the bottle filled to the shoulder, then frozen. Alternatively the sample can be delivered to ELS within one hour of sample collection.

WARNING : CONTAINS NITRIC ACID
Mercury
Ph 0800 576 5016
ELS
Chemical Water Sample
Location/Supply
Date and Time
Sample Number
Samplers Name
FILL DIRECTLY – DO NOT RINSE

250mL Glass Mercury – Blue border

Used for all water types and effluents

This specially cleaned and preserved bottle is used specifically for the collection of mercury samples. It contains nitric acid and should be filled without overflowing. Once sampled it does not require refrigeration.

WARNING : CONTAINS NITRIC ACID
Metals
Ph 0800 576 5016
ELS
Chemical Water Sample
Location/Supply
Date and Time
Sample Number
Samplers Name
FILL DIRECTLY – DO NOT RINSE

125mL Nalgene Bottle or 50mL Tube– Silver border

Used for all water types and effluents

This bottle is for the collection of metals samples and contains nitric acid. It should not be overfilled. It is also used to collect potable water for aggressiveness.

Sterile Container
Ph 0800 576 5016
ELS
Microbiological Water Sample
Location/Supply
Date and Time
Sample Number
Samplers Name
May Contain Sodium Thiosulphate
FILL DIRECTLY – DO NOT RINSE

Sterile bottle – various sizes, no border

Used for all water types effluents, and solids

Can be used for all microbiological analyses such as E.coli or Enterococci. The bottle contains sodium thiosulphate for potable water samples.

WARNING : CONTAINS SULPHURIC ACID
COD / TKN
Ph 0800 576 5016
ELS
Chemical Water Sample
Location/Supply
Date and Time
Sample Number
Samplers Name
FILL DIRECTLY – DO NOT RINSE

100mL COD/TKN bottle – Orange border

Used for non-potable waters effluents

This bottle contains sulphuric acid and should be filled without overflowing.

WARNING:CONTAINS HYDROCHLORIC ACID
Ammonia - high, Reactive Aluminium
Ph 0800 576 5016
ELS
Chemical Water Sample
Location/Supply
Date and Time
Sample Number
Samplers Name
FILL DIRECTLY – DO NOT RINSE

100mL Green border

Used for effluents and samples containing high levels of ammonia

We use this bottle for ammonia tests on effluents and where filtration of the sample cannot be performed.

Anions
Ph 0800 576 5016
ELS
Chemical Water Sample
Location/Supply
Date and Time
Sample Number
Samplers Name
Does not contain preservative – Should be filtered on site
FILL DIRECTLY – DO NOT RINSE

100mL Anions bottle – Aqua border

Used for all water types and effluents

Sulphate, Fluoride, Chloride, and other anions are collected in this bottle. It is recommended that the sample be filtered on-site wherever possible.

Miscellaneous Bottles

We also send bottles for Phenol, Sulphide, Oil and Grease, Dissolved Oxygen and Cyanide as well as bottles specifically for collecting soil and sludge samples.

We can also provide a full range of organic analyses such as SVOC and VOC.