



GREENCHAIN

WATER SAMPLING GUIDE

CONTAINER / BOTTLE

- Sample a minimum of 1 litre in a container that has been thoroughly cleaned.
- Preferably use a plastic container for safe shipping.
- Place the container in a box to protect from direct sunlight.
- A prepared water bottle works well. For example, purchase a 1l bottle of still water and decant contents before sampling.

SAMPLING

- Run the water source for a period of +/- 10 minutes (or until the pipeline is clear) before sampling to ensure the sample is representative of the source.
- Fill the sample bottle without too much disturbance to the water.
- Seal the bottle and prepare for shipping.

PLEASE NOTE:

- DO NOT sample from the tank. Samples must be from the source.
- DO NOT sample after any filtration, unless you want to test the filtered water.
- DO NOT contaminate or alter the water in any way. We need to test the quality of the source.

SAVE TIME AND MONEY,
LET US TAKE CARE OF YOUR WATER SAMPLE.
Get in touch with us and we will organise a courier
pick up, ship the sample to the testing lab and get
the tests* done.

PRICE: ZAR 1500

- excluding microbiological testing



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TESTING

- Once sealed and packaged, ship parcel to a testing laboratory.
- What to test for is dependant on what filtration you are interested in.
- The minimum required water test needs to test for the following:

pH	Measure of acidity
Na	Sodium
K	Potassium
Ca	Calcium
Mg	Magnesium
Cl	Chloride
HCO ₃	Bicarbonate hardness
SO ₄	Sulphate
B	Boron
Cu	Copper
Zn	Zinc
P	Phosphorous
NH ₄ N	Ammonia
NO ₃	Nitrates
F	Fluoride
TDS	Total Dissolved Salts
Fe Total	Total Iron
Fe Dissolved	Dissolved Iron
Mn Total	Total Manganese
Mn Dissolved	Dissolved Manganese

- If the water has any discolouration or odour, the following needs to be added:

True Colour	Filtered to 0.44um or smaller
Apparent Colour	Unfiltered (raw)
TOC	Total organic carbon

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