



The Chemistry Solutions Company (Pty) Ltd

Water testing made easy

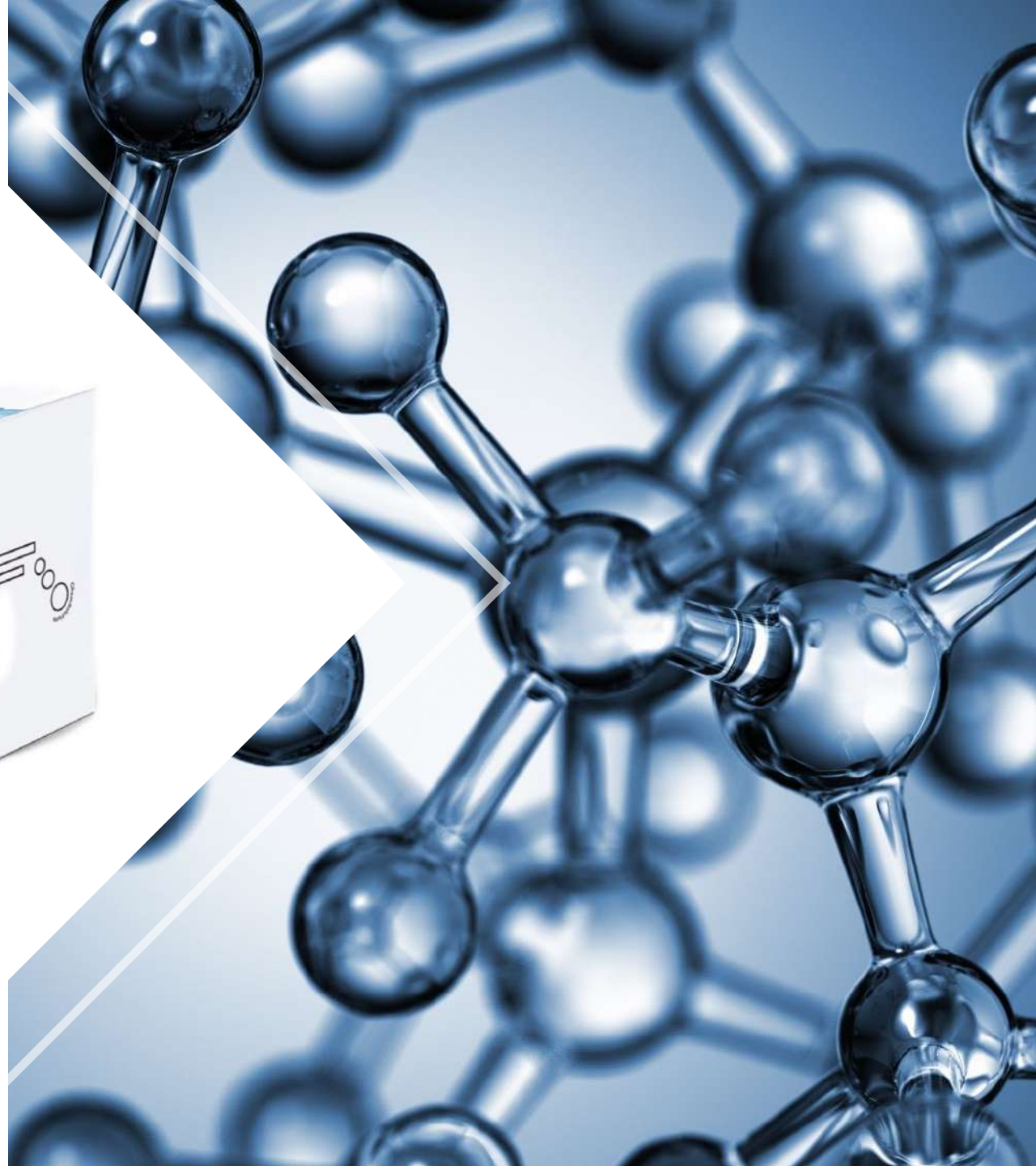


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Benefits of testing water

- Protect your health
- Protect your business
- Protect your buildings
- Protect the environment



Do I need to test my water?

- ✓ ○ Suspect water contamination (taste, smell, colour, texture etc)
- ✓ ○ Legal Compliance
- ✓ ○ Protect the environment

What's in the kit?

The Chemistry Solutions Company 25 in 1 Comprehensive Water Test Kit is a single use test kit both qualitative and semi-quantitative. Get water quality results in 30 seconds. Easy to use. High accuracy. Tests for 25 of EPA, WHO and SANS241 water contaminants

Each kit consists of:

- 2 x test strips (W-A: Nitrate to pH & W-B: Salt to Carbonate root)

- 2 x Ammonia test reagents (Ammonia nitrogen activator & Ammonia nitrogen colouring solution)

- 1 x Phosphorus reagent

- 1 x E.coli/coliform test

- 1 x test tube (for testing with test strips)

- 2 x small test tubes (for the Ammonia nitrogen test and phosphorus test)



Applications



Aquarium



Domestic



Diagnostic test



Environment



Education



Laboratory



Field tests



Filtration



Ground water



Industry



Farming



Mining



Preliminary test



Research



Surface water



Waste

How to use the kit?

Instruction for test strips

1. Dip a strip into your water sample for 2 seconds
2. Place the test strip flat, do not shake off excess moisture, and wait for 30 seconds.
3. After 30 seconds compare test strip to colour chart. For best results read in natural daylight.

Instruction for phosphorus

1. Collect 2ml sample water, then drip 1-2 drops of phosphorus coloring solution into the tube and shake it well.
2. Read the color with color chart after 1 minute.
3. Read the color with color chart after 10 minute.

Instruction for ammonia nitrogen:

1. Drip 2ml of activator solution into a empty tube then drip 1-2 drops of sample water, shake it well. Wait 2 minute.
2. Drip 1-2 drops of Ammonia nitrogen coloring solution into the tube and shake it well.

Instruction for E.coli

- 1 Wash your hands thoroughly.
- 2 Flush the tap water being tested for 3-5 minutes (if applicable)
- 3 Remove the cap - without touching the inside of bottle.
- 4 Fill the bottle with cold water to the fill line.
- 5 Screw the cap on tightly, and shake the bottle until the powder dissolves (roughly 20 seconds).
- 6 Place the test out of direct sunlight, in a room between 20°C-32.2°C
- 7 Wait 48 hours to compare your results.



Technical information

Aluminium: 0-250m g/L	Mercury: 0-0.08mg/L
Ammonia nitrogen: 0-500 mg/L	Nitrate: 0-500 mg/L
Carbonate Root: 0-180mg/L	Nitrite: 0-80mg/L
Chromium/Cr(VI): 0-100 mg /L	pH: 6.2-8.4
Copper: 0-300mg/L	Phosphate: 0-500mg/L
Cyanuric Acidiron: 0-300m g/L	Potassium: 0-240 mg/L
E.coli/Coliform: Absence/Presence	Residual Chlorine: 0-20mg/L
Fluoride: 0-200 mg/L	Salt: 1500-5000 ppm
Free Bromine: 0-20mg/L	Sulphate: 0-1600mg/L
Hardness: 0-1000mg/L	Total Alkalinity: 0-240mg/L
Iron: 0-500mg/L	Total Chlorine: 0-10mg/L
Lead: 0-500 mg /L	Zinc: 0-100mg/L
Manganese: 0-5mg/L	

Guidelines

1. The test liquid should be colourless or light in colour in order to avoid inaccurate results.
2. Wait the full 30 seconds before reading results after you have blotted the sides of the test strip.
3. Do not touch the reagent test pads and DO NOT put the strips in your mouth.
4. Store in a cool, dry, dark place.
5. Recap the bottle tightly after each use.
6. Only use a test strip once. Do not flush test strip down toilet. Used test strips should be recycled with other plastic products.
7. Children should use it under supervision.





Get a kit today

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