

CATALOG



High Quality Water Test kits

V-unique water test kit Product list

Colorimetric determination

Product No.	Model	Description	Range	No. of tests
31002020144	v- color 9750	Ammonium test kit	0- 10 mg/l NH ₄ ⁺	50 tests
31201040044	v- color 9720	Chlorine test kit 0-2.0	0- 2.0 mg/l Cl ₂	250 tests
31201040144	v- color 9725	Chlorine test kit 0-8.0	0- 8.0 mg/l Cl ₂	250 tests
31704020844	v- color 0525	Hardness test kit 0-25	0- 25 mg/l CaCO ₃	300 tests
32301010044	v- color 9730	Nitrite test kit	0.02-1.0mg/l NO ₂ ⁻	80 tests
32504010044	v- color 4590	pH test kit 4.5-9.0	4.5- 9.0	250 tests
32504020044	v- color 7091	pH test kit 7.0-9.1	7.0- 9.1	200 tests

Titration test kit

Product No.	Model	Description	Range	No. of tests
31006040044	v- color 9740	Alkalinity test kit	17- 510 mg/l CaCO ₃	50 tests
31340840344	v- color 9780	Dissolved Oxygen test kit	0.5-15.0 mg/l O ₂	50 tests
31704021144	v- color 0300	Total Hardness test kit	0-30/0-300 mg/l CaCO ₃	150 tests
31200010044	v- color 9760	Calcium test kit	20-600 mg/l Ca	50 tests
31200010044	v- color 9770	Magnesium test kit	0-1447 mg/l Mg	50 tests
31704020944	v- color 1150	Total Hardness test kit	51-1224 mg/l CaCO ₃	50 tests

The reagent bottles and sample tubes are packed in blister packs. The cardboard back is slid for opening and closing the package and also provides the test instruction, complete with either comparison color scale or evaluation chart. The blister packs of test kits have a punched hole for display in showrooms.

V-unique packaging



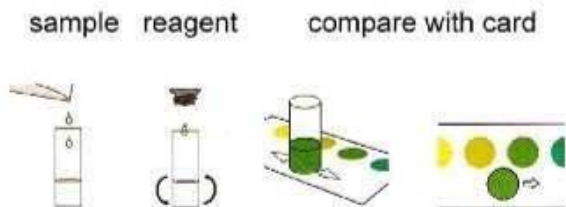
Front



Back

Water Test Kit

Colorimetric determination

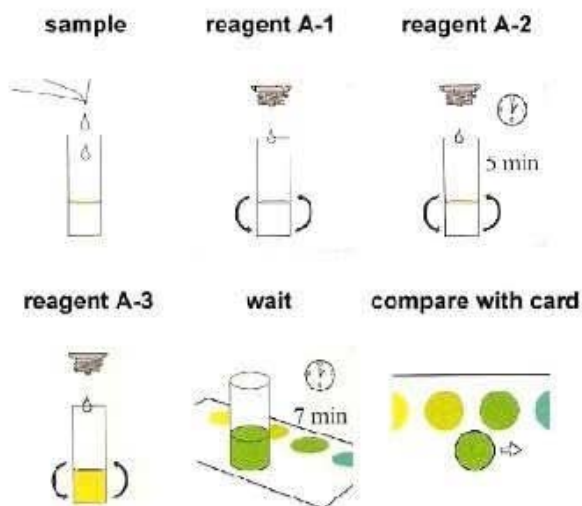


Colorimetric determination is based on the fact that certain reagents form colored compounds with the substances to be determined.

The reaction colors obtained are compared with the comparators. The result can be read from color cards.

Ammonium test kit

v- color 9750



Range 0 - 10 mg/l NH_4^+

This test kit can determine ammonium and unionized ammonia.

Ammonium quantity is important for aquatic fish-plant. High ammonium value in the water is very dangerous for fish and plant then the ammonium value must be controlled appropriately.

Chlorine test kit 0-2.0

v- color 9720

Range 0- 2.0 mg/l Cl_2
Packing volume 25 ml/ 250 tests

For the determination of free chlorine in fresh water and sea water. Application for hospital, industries, farms and aquaculture.

Cover the chlorine range from 0.15 to 2.0 mg/l Cl_2 and shows several color changes within this range. The color comparison scale card is 0, 0.15, 0.25, 0.5, 0.75, 1.0, 1.5, 2.0 mg/l Cl_2 .

Chlorine test kit 0-8.0

v- color 9725

Range 0- 8.0 mg/l Cl_2
Packing volume 25 ml/ 250 tests

For the determination of free chlorine in fresh water and sea water. Application for hospital, aquaculture, industries such as cannery and poultry industry.

Cover the chlorine range from 0.1 to 8.0 mg/l Cl_2 and shows several color changes within this range. The color comparison scale card is 0, 0.1, 0.5, 1.0, 2.0, 4.0, 6.0, 8.0 mg/l Cl_2 .

Hardness test kit 0-25

v- color 0525

Range 0- 25 mg/l CaCO_3
Packing volume 15 ml/ 300 tests

The hardness of water depends on its content of calcium and magnesium ions.

This test kit can determine hardness in water. In addition, can use for industrial as well as municipal applications, e.g. in the household as wash water or as boiler feed water in industry.

Cover the hardness range from 0 to 25mg /l CaCO_3 and shows several color changes within this range. The color comparison scale card is 0, 2, 5, 10, 15 mg/l CaCO_3 .

Nitrite test kit

v- color 9730

Range 0.02 - 1.0 mg/l NO₂⁻
Packing volume 20 ml/ 80 tests

For the determination of nitrite in waste water. Application for industries, farms and aquaculture.

Cover the nitrite range from 0.02 to 1.0 mg/l NO₂⁻ and shows several color changes within this range. The color comparison scale card is 0.02, 0.05, 0.1, 0.2, 0.5, 1.0 mg/l NO₂⁻

pH test kit 4.5-9.0

v- color 4590

Range 4.5 - 9.0
Packing volume 25 ml/ 250 tests

For the determination of pH value in any industries. Such as food, cosmetic, textile industries and able to determine acid-base in water reservoir.

Cover the pH range from 4.5 to 9.0 and shows several color changes within this range. Starting on the acid side (pH 4.5) to base side (pH 9.0). The gradation of comparison color scale is in 0.5 pH units.

pH test kit 7.0-9.1

v- color 7091

Range 7.0 - 9.1
Packing volume 25 ml/ 200 tests

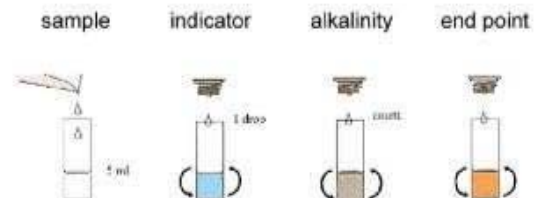
Cover the pH range from 7.0 to 9.1 and shows several color changes within this range. Starting on the neutral side (pH 7.0) to base side (pH 9.1). The gradation of comparison color scale is in 0.3 pH units.

Titration test kit

Titration test kits are based on the principles of volumetric analysis.

Alkalinity test kit

v- color 9740



Range 17-510 mg/l CaCO₃
Packing volume 30 ml/ 50 tests

This measurement indicates the basic condition of water. If water have the quantity of appropriate alkalinity then it protects pH value not change quickly. pH changes immediately is dangerous for fish.

Alkalinity test kit use for swimming pool, farm, aquatic fish-plant and industries.

Dissolved Oxygen test kit

v- color 9780

Packing 1 Sample tube
1 Reaction tube
5 Reagents bottles

Method titration by drop count

Packing volume 50 tests

The dissolved oxygen in water is important for living organism as well as fish and aquatic plants. The solubility of oxygen depends on temperature, pressure and the other components of water.

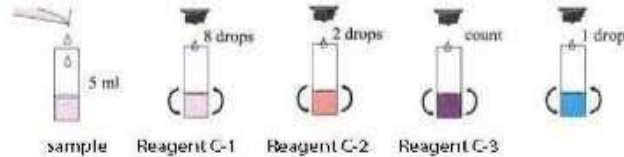
The dissolved oxygen value is used to predict the quality of water. Low dissolved oxygen is not suitable for aquaculture.

Titration test kit

Titration test kits are based on the principles of volumetric analysis.

Calcium test kit

v-color 9760



Range 20-600 mg/l Ca
Packing volume 50 tests

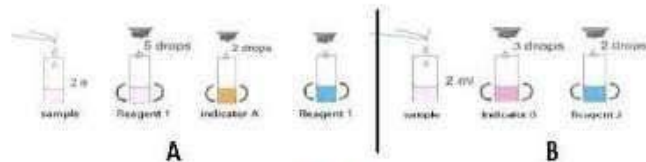
Calcium is important for building shell, the acid-alkaline balance in the body. The potential of the membrane (tissue) blood clotting. The contraction of the muscles. And absorption of vitamin B 12.

This test kit can be used

- aquaculture and fish farming

Magnesium test kit

v-color 9770



Calculate the amount (B-A) drops and read the result in milligram per litre of Magnesium from the Magnesium evaluation chart

Range 48-1447mg/l Mg
Packing volume 50 test

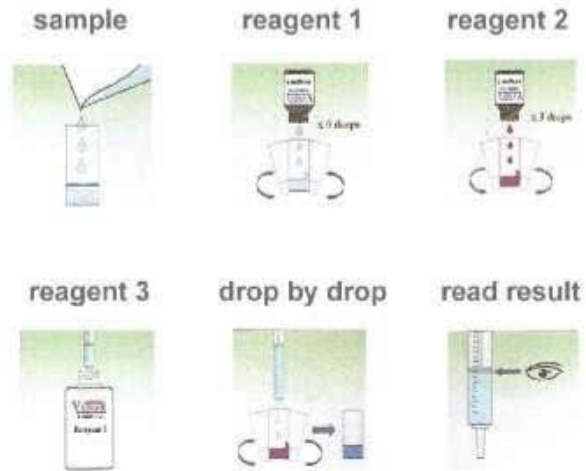
Magnesium is vital that marine animals. Mineral balance in the body. The potential of tissue. To create a shell. And the work of many enzymes. The minerals found in high concentrations in the water.

This test kit can be used

- aquaculture and fish farming
- sea water

Total Hardness test kit 0-300

v- color 0300



Range 0-30 / 0-300 mg/l CaCO₃

The hardness of water depends on its content of calcium and magnesium salts when measuring the total hardness, the sum of these salts is determined.

Below 90 mg/l CaCO ₃	very soft water
90- 180	soft water
180- 270	medium hard water
270- 450	hard water
Above 450	very hard water

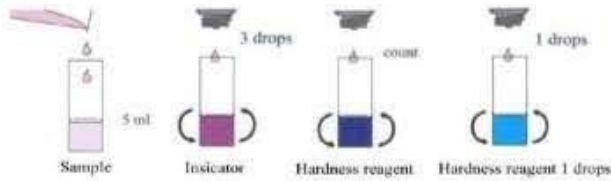
The total hardness is important quality factor of water in industrial as well as municipal applications, e.g. in the household as wash water or as boiler feed water in industry.

This test kit can be used

- aquaculture and fish farming
- surface water and sea water
- pool and spa
- tap water
- food and beverage industries
- chemical industries
- textile industries
- boiler feed water
- cooling water
- raw and waste water

Total Hardness test kit 51-1224 (3°d-72°d)

v-color 1150



Range 51-1224 mg/l CaCO₃
Packing volume 50 tests

The hardness of water depends on its content of calcium and magnesium salts when measuring the total hardness, the sum of these salts is determined.

Below 90 mg/l CaCO ₃	very soft water
90- 180	soft water
180- 270	medium hard water
270- 450	hard water
Above 450	very hard water

The total hardness is important quality factor of water in industrial as well as municipal applications, e.g. in the household as wash water or as boiler feed water in industry.

This test kit can be used

- aquaculture and fish farming
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- raw and waste water