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Chlorine (Free & Total) and PH Test Kit (#TKH1411100)

Overview:

Control of chlorine and pH in pools and spas to maintain safe bathing conditions and to protect against system corrosion. Supplied with color discs and comparator for monitoring chlorine and pH, the Free & Total Chlorine and pH Test Kit provides more accuracy than test kits using color cubes.

Applications:

- Groundwater
- Membrane Protection
- Municipal Water
- Surface Water



Benefits

One of Hach's most popular test kits

Includes color discs and a comparator box for monitoring chlorine and pH

Kit contains all required reagents and apparatus in a rugged carrying case for analysis in the field

Specifications

Technical Attributes

Application	Pool and Spa
Model	CN-67
Number of tests	300
Parameter	Chlorine (Free & Total) and pH
Platform	Color Disc
Range	6.6 - 8.4 pH units
Range 2	0 - 3.4 mg/L
What's included?	Includes five reagents, two color discs, comparator box, two viewing tubes, instructions and carrying case.

NitraVer 5 Nitrate Reagent Powder Pillows 25ML Pk/100 (TKH1403499)

Overview:

For mid-range and high range nitrate determination by the NitraVer® 5 cadmium reduction method.

Hach methods 8039 and 8171. Range: up to 30 mg/L as N.

Sample Size: 25 mL.

Pack of 100 powder pillows.

Applications:

- Industrial Wastewater
- Municipal Water
- Nutrient Monitoring

Technical Attributes

Description	NitraVer 5 Nitrate Reagent Powder Pillows, 25 mL
Instrument	DR/3000, DR/2000
Method Name	Cadmium Reduction
Method Number	8039 HR
Method Number 2	8171 MR
Number of tests	100
Parameter	Nitrate
Platform	Powder Pillows
Quantity	100 /pk
Range	0.3 - 30.0 NO ₃ -N
Range 2	0.1 - 10.0 mg/L NO ₃ -N
Storage Conditions	10 - 25 °C



NitraVer 5 Nitrate Reagent Powder Pillows 5ML Pk/100 (TKH1403599)

Overview:

For high range nitrate determination by the NitraVer® 5 cadmium reduction method. Range: up to 50 mg/L as nitrate-N. Sample Size: 5 mL. Pack of 100 powder pillows.

Applications:

- Industrial Wastewater
- Municipal Water
- Nutrient Monitoring

Technical Attributes

Method Name	Cadmium Reduction
Platform	Powder Pillows
Quantity	100 /pk



DPD Total Chlorine Reagent Powder Pillows, 5 mL, pk/100 (#TKH1407699)

Overview:

Achieve precise water testing with Hach's boric acid free DPD Total Chlorine Reagent Powder Pillows. Specifically designed for total chlorine determination using the DPD Method, these reagent pillows ensure accurate and consistent results. Ideal for a wide range of water analysis applications, they offer high accuracy and ease of use. Trust our DPD Total Chlorine Reagent Powder Pillows for environmentally friendly and dependable chlorine testing.

Range: up to 3.5 mg/L Cl₂

Sample Size: 5 mL.

Pack of 100 powder pillows.

*This product has not been evaluated to test for chlorine and chloramines in medical applications in the United States.

Applications:

- Groundwater
- Municipal Water
- Potable Water
- Surface Water

Technical Attributes

Method Name	DPD
Number of tests	100
Platform	Powder Pillows
Sample size	5 mL
Storage Conditions	10 - 25 °C



DPD Free Chlorine Reagent Powder Pillows, 5 mL, PK/100 (#TKH1407799)

Overview:

For Free Chlorine determination by the DPD Free Chlorine method

These Free Chlorine Powder Pillow reagents are USEPA accepted for reporting in drinking water analysis using Hach Method 8021. For use with Hach's chlorine visual test kits.

Product Details

- Pack of 100 powder pillows
- 5 mL sample size
- Range from: 3.5 mg/L Cl₂
- Boric Acid free!

Want to simplify reagent reordering? Ask your Hach representative about our simple and easy automatic delivery program for Hach reagents today.

*This product has not been evaluated to test for chlorine and chloramines in medical applications in the United States.

Applications:

- Groundwater
- Municipal Water
- Surface Water

Technical Attributes

Method Name	DPD
Number of tests	100
Parameter	Chlorine, Free
Platform	Powder Pillows
Sample size	5 mL
Storage Conditions	10 - 25 °C



Nitrate-Nitrite Test Kit, Model NI-12 (# TKH1408100)

Overview:

Simple, low-cost color disc method is the most accurate visual test kit method.

Benefits

Achieve fast results with an easy-to-carry test kit



Technical Attributes

Case Style	D
Method Name	Color disc/Cadmium
Model	NI-12
Model	NI-12**
Number of tests	100
Parameter	Nitrogen, Nitrate/Nitrite
Parameter	Nitrogen, Nitrate/Nitrite - NO_3^- -N/ NO_2^- -N
Platform	Color Disc
Range	Dual Range
Range	0 - 40 mg/L NO_3^- -N
Range 2	0.01 - 0.40 mg/L NO_2^- -N
Smallest Increment	1
Smallest Increment Steps	0.01
Standard Range	0 - 40 mg/L NO_3^- -N; 0.01 - 0.40 mg/L NO_2^- -N
What's included?	Includes color discs, comparator box and tubes, reagents, instructions and carrying case.

Chlorine (Free & Total) and pH Test Kit, Model CN-67 (#TKH1411100)

Overview:

Control of chlorine and pH in pools and spas to maintain safe bathing conditions and to protect against system corrosion. Supplied with color discs and comparator for monitoring chlorine and pH, the Free & Total Chlorine and pH Test Kit provides more accuracy than test kits using color cubes.



Applications:

- Groundwater
- Membrane Protection
- Municipal Water
- Surface Water

Benefits:

One of Hach's most popular test kits

Includes color discs and a comparator box for monitoring chlorine and pH

Kit contains all required reagents and apparatus in a rugged carrying case for analysis in the field

Technical Attributes

Application	Pool and Spa
Model	CN-67
Number of tests	300
Parameter	Chlorine (Free & Total) and pH
Platform	Color Disc
Range	6.6 - 8.4 pH units
Range 2	0 - 3.4 mg/L
What's included?	Includes five reagents, two color discs, comparator box, two viewing tubes, instructions and carrying case.

Total Hardness Test Kit, Model HA-71A (#TKH145201)

Overview:

Water hardness is caused almost entirely by calcium and magnesium ion. Other di- and trivalent metals have a similar effect, but usually are not present in high enough concentration in potable waters to cause problems. Hardness increases soap consumption in laundries and causes scale in boilers. With the Model HA-71A test kit, simply count the number of drops required to change the solution color to determine hardness concentration. Utilizing drop count titration, this kit provides dual ranges and contains approximately 100 tests.



Benefits:

Utilizes drop count titration - a simple, economical titration method

Kit contains all required reagents and apparatus in a rugged carrying case for analysis in the field

Technical Attributes

Case Style	D
Method Name	Drop count titration/
Model	HA-71A
Number of tests	100
Parameter	Hardness, total - As CaCO_3
Platform	Drop Count Titration
Range	1 - 20 mg/L & 17 - 342 mg/L CaCO_3
Smallest Increment	1 mg/L
Weight	2.5 kg
What's included?	Includes three reagents, flask, bottle, measuring tube, instruction sheet, and carrying case.

Total Hardness Test Kit, Model 5-B (#TKH145300)

Overview:

Optimize Operational Efficiency with Easy-to-Use Water Hardness Test Kits

Water hardness test kits are essential tools in industrial and commercial environments for monitoring water quality and protecting equipment. These kits provide a convenient way to measure water hardness both in the lab and in the field, ensuring that hardness levels remain within acceptable ranges. By preventing scaling in pipes and boilers, they help optimize the performance of soaps and detergents, contributing to overall operational efficiency.

Our water hardness test kits are trusted by professionals in water treatment, food and beverage, textile, manufacturing, and other industries.

Trust the original Hach test kit!

Simple drop-count titration measures hardness as grains per gallon CaCO₃ (1 gpg = 17.1 mg/L). Utilizes drop count titration with a range of 1-30 gpg.

Contains approximately 100 tests.



Benefits

Utilizes drop count titration - a simple, economical titration method

Technical Attributes

Case Style	L
Method Name	Drop count titration/
Model	5-B
Number of tests	100
Parameter	Hardness, total - As CaCO ₃
Platform	Drop Count Titration
Range	1 - 30 gpg
Smallest Increment	1 gpg
What's included?	Includes two reagents, measuring tube, square bottle, and measuring scoop.

Manganese test kit, model MN-5 (#TKH146700)

Overview:

This Manganese Test Kit offers an economical solution for measuring manganese levels, utilizing the simple and accurate color disc method with a range of 0-3.0 mg/L and containing 100 tests per kit. To determine the total manganese content, simply digest the sample with heat and acid.

This kit is an essential tool for the detection and measurement of manganese in water and industrial processes. In the field of water treatment, the kit is instrumental in monitoring manganese concentrations in groundwater. It is ideal for environmental monitoring, particularly in areas affected by mining, industrial activities, or agricultural runoff, where contamination of water sources may be an issue. It is crucial to regularly test for high manganese levels, as they can harm aquatic ecosystems.

This portable test kit provides quick results, enabling environmental agencies and researchers to take corrective actions promptly. In industrial sectors like steel production, battery manufacturing, and wastewater treatment, monitoring manganese levels is vital for ensuring product quality and preventing equipment corrosion.

Ensure accurate and efficient manganese level monitoring with this reliable Manganese Test Kit.

Benefits:

Simple, low-cost color disc method is the most accurate visual test kit method

Achieve fast results with an easy-to-carry test kit

Technical Attributes

Case Style	D
Method Name	Color disc/Cold periodate
Model	MN-5
Model	MN-5
Number of tests	100
Parameter	Manganese
Parameter	Manganese - As Mn
Platform	Color Disc
Range	0 - 3.0 mg/L Mn
Smallest Increment	0.1
Standard Range	0 - 3.0 mg/L Mn
What's included?	Includes color disc, comparator box and tubes, reagents, mixing bottle, instructions and carrying case.



Sulfide 1 Reagent, 100 mL MDB (#TKH181632) Sulfide 2 Reagent, 100 mL MDB (#TKH181732)

Overview:

For sulfide determination by the Methylene Blue method (Hach method 8131). Range: up to 800 µg/L. Also used with visual test kits. 100 mL Marked Dropping Bottle



Technical Attributes

Method Name	Methylene Blue
Method Number	8131
Number of tests	50
Parameter	Sulfide
Platform	Solution
Quantity	100 mL



Hardness, iron, and pH test kit, model HA-62A (TKH183701)

A multi-parameter test kit for hardness, iron (0-7 mg/L) & pH (6.6-8.4), this kit provides an easy-to-use, cost effective way to determine the quality of your water.

Benefits

Functional, portable tests in a rugged case

Popular tests at a great price in Hach's convenient and protective test kit carrying case.

Easy operation

Uses color disc and drop count titration methods

Everything you need for field testing

Kit contains all required reagents and apparatus in a rugged carrying case for analysis in the field

Hardness, iron, and pH tests

Tests for hardness using titration, and iron (0-7 mg/L), and pH (6.6-8.4) using a color disc



Technical Attributes

Application	Water Quality
Model	HA-62A
Number of tests	100
Parameter	Hardness, Iron, and pH (6.6-8.4)
Platform	Color Disc
Range	6.6 - 8.4 pH units
What's included?	Includes five reagents, bottles, color discs, comparator box, viewing tubes, measuring tube, instructions and carrying case.

Hardness, iron, and pH test kit, model HA-62B (#TKH183702)

Overview:

Includes color disc and color comparator for colorimetric comparison of iron (0-7 mg/L) and pH (4-10), and a drop-count titrator for hardness determination. Test kit produces a wide range of pH tests.

Benefits

Functional, portable tests in a rugged case

Popular tests at a great price in Hach's convenient and protective test kit carrying case.

Easy operation

Uses color disc and drop count titration methods

Everything you need for field testing

Kit contains all required reagents and apparatus in a rugged carrying case for analysis in the field

Hardness, iron, and pH tests

Tests for hardness using titration, and iron (0-7 mg/L), and pH (4-10) using a color disc

Technical Attributes

Application	Water Quality
Model	HA-62B
Number of tests	100
Parameter	Hardness, Iron, and pH (4-10)
Platform	Color Disc
Range	4 - 10 pH units
What's included?	Includes five reagents, bottles, color discs, comparator box, viewing tubes, measuring tube, instructions and carrying case.



Tannin/Lignin Test Kit (#TKH193701)

Overview:

A product of decomposed plant material, tannin occurs in natural waters and is used for boiler and cooling tower water treatment, dyeing, ink manufacture, tanning, and paper sizing. Lignin, also a plant product, is found in paper pulp manufacturing waste. Tannin and lignin are analyzed together and reported as mg/L tannic acid.

Benefits

Tannin and lignin are analyzed together and reported as mg/L tannic acid.

Simple, low-cost color disc method is the most accurate visual test kit method

Achieve fast results with an easy-to-carry test kit



Technical Attributes

Case Style	R
Method Name	Color disc/Tyrosine
Model	Tannin/Lignin
Model	TA-3
Number of tests	100
Parameter	Tannin/Lignin
Parameter	Tannin/Lignin - As tannic acid
Platform	Color Disc
Range	0 - 15 mg/L as Tannic Acid
Range 2	0 - 150 mg/L
Smallest Increment	0.5
Smallest Increment	5
Standard Range	0 - 15 mg/L as Tannic Acid; 0 - 150 mg/L
What's included?	Includes color disc, comparator box and tubes, reagents, deionized water, mixing bottle, funnel, filter papers, instructions and carrying case.

Hardness and Iron Color Disc Test Kit, Model HA-77 (#TKH202300)

Overview:

Hardness & Iron Water Quality Test Kit offers accuracy and portable utility in one package. Utilizing drop count titration (hardness) and color disc colorimetry (iron: 0-4 mg/L), this kit contains 100 tests.

Applications:

- Membrane Protection

Benefits

Easy to use

Uses simple, economical drop count titration (hardness: 1-30 gpg) and color disc methods (iron: 0-4 mg/L) - no batteries required!

Portable and inclusive

Kit contains all required reagents and apparatus in a rugged carrying case for analysis in the field

Kit contains all required reagents and apparatus in a rugged carrying case for analysis in the field



Technical Attributes

Application	Water Quality
Model	HA-77
Parameter	Hardness and Iron
Platform	Color Disc
What's included?	Includes four reagents, bottles, flask, color discs, comparator box, viewing tubes, instructions, and carrying case.

DPD Free Chlorine Reagent Powder Pillows, 10 mL, pk/100 (#TKH2105569)

Overview:

For Free Chlorine determination by the DPD Free Chlorine method

These Free Chlorine Powder Pillow reagents are USEPA accepted for reporting in drinking water and wastewater analysis using Hach Method 8021. For best results use with a Hach colorimeter or spectrophotometer.

Product Details

- Pack of 100 powder pillows
- 10 mL sample size
- Range from: 0.02 - 2.00 mg/L Cl₂
- Boric Acid free!



Want to simplify reagent reordering? Ask your Hach representative about our simple and easy automatic delivery program for Hach reagents today.

*This product has not been evaluated to test for chlorine and chloramines in medical applications in the United States.

Applications:

- Groundwater
- Municipal Water
- Surface Water

Technical Attributes

Description	DPD Free Chlorine Reagent Powder Pillows, 10 ml
EPA compliant	Yes
Instrument	See Methods/Procedures for instruments compatible with this product
Method Name	DPD
Method Number	8021
Number of tests	100
Parameter	Free Chlorine, Chlorine Dioxide
Platform	Powder Pillows
Range	0.02 - 2.00 mg/L Cl ₂
Sample size	10 mL
Storage Conditions	10 - 25 °C

DPD Total Chlorine Reagent Powder Pillows, 10 mL, pk/100 (#TKH2105669)

Overview:

Achieve precise water testing with Hach's boric acid free DPD Total Chlorine Reagent Powder Pillows. Specifically designed for total chlorine determination using the DPD Method, these reagent pillows ensure accurate and consistent results. Ideal for a wide range of water analysis applications, they offer high accuracy and ease of use. Trust our DPD Total Chlorine Reagent Powder Pillows for environmentally friendly and dependable chlorine testing.

USEPA accepted for reporting for drinking and wastewater analysis using Hach Methods 8016, 8167, 8031

Ranges:

Total Chlorine: 0.02 - 2.00 mg/L Cl₂

Sample Size: 10 mL.

Pack of 100 powder pillows.



*This product has not been evaluated to test for chlorine and chloramines in medical applications in the United States.

Applications:

- Groundwater
- Municipal Water
- Potable Water
- Surface Water

Technical Attributes

Description	DPD Total Chlorine, Reagent Powder Pillows, 10 ml
EPA compliant	Yes
Footnote	*Generally, the DR 5000 performs the same methods as the DR/4000. The DR 2800 performs the same methods as the DR 2700, DR/2500, and DR/2400. Some exceptions do exist.
Instrument	See Methods/Procedures for instruments compatible with this product
Method Name	DPD
Method Number	8167
Method Number 2	8031
Method Number 3	8016
Number of tests	100
Parameter	Total Chlorine, Bromine, Iodine
Platform	Powder Pillows
Range	0.02 - 2.00 mg/L Cl ₂
Range 2	0.05 - 4.50 mg/L Br ₂
Range 3	0.07 - 7.00 mg/L I ₂
Reference method	SM 4500-Cl G
Sample size	10 mL
Storage Conditions	10 - 25 °C

Phenol Red Indicator Solution, 100 mL MDB (#TKH21132)

Overview:

Phenol Red Indicator Solution in a 100 mL Marked Dropping Bottle provides an easy-to-use colorimetric method for determining pH levels for neutral and slightly alkaline waters in the range of 6.5 to 8.5 units. This method uses a color wheel and is especially useful for testing swimming pools and spas. Maintaining a pH level below 8 helps control algae growth, while a pH below 7.4 is optimal for chlorine disinfection. However, if the pH drops below 7.0, it can cause corrosion of pipes and metal. More than 6 mg/L of chlorine can interfere with this phenol red pH test, so to remove chlorine from the sample, add one drop of 0.1 N sodium thiosulfate solution (PN 2700832) per 5-mL of sample, mix, and then add the Phenol Red pH indicator, as this procedure will remove up to 50 mg/L of chlorine from the sample. Colorless pH 7 Buffer (PN 1222249) is used as the control standard in this method.

Used in the Pool Master Test Kit 2315001, Color Wheel Kit 147008.

In addition to these applications, Phenol Red is also used for monitoring ground and river water quality, making it a versatile tool for various environmental water quality testing needs.

Applications:

- Aquaculture
- Boiler Water
- Cooling Water
- Groundwater
- Industrial Wastewater
- Influent for Wastewater
- Membrane Protection
- Municipal Water
- Potable Water
- Pre-Treatment
- Primary Treatment
- QA/QC Lab
- Recreation/Pool
- Secondary Treatment
- Source Water
- Steam Cycle
- Tertiary Treatment
- Water Conditioning
- Water Cycle
- Water Reuse



Technical Attributes

Platform	Solution
Quantity	100 mL 100

UniVer 3 Hardness reagent, 454 g (#TKH21301H)

Overview:

Combined indicator and buffer for determination of total hardness by titration methods. 454 g bottle.

Applications:

- Groundwater
- Membrane Protection
- Municipal Water
- Pre-Treatment
- Source Water
- Surface Water

Technical Attributes

Method Name	EDTA Titration
Platform	Jar
Quantity	454



DPD Free Chlorine Reagent Powder Pillows, 5 mL, pk/50 (#TKH2197846)

Overview:

For Free Chlorine determination by the DPD Free Chlorine method

These Free Chlorine Powder Pillow reagents are USEPA accepted for reporting in drinking water analysis using Hach Method 8021.

For use with Hach's chlorine visual test kits.

Product Details

- Pack of 50 powder pillows
- 5 mL sample size
- Range from: 3.5 mg/L Cl₂
- Boric Acid free!

Want to simplify reagent reordering? Ask your Hach representative about our simple and easy automatic delivery program for Hach reagents today.

*This product has not been evaluated to test for chlorine and chloramines in medical applications in the United States.

Applications:

- Groundwater
- Municipal Water
- Surface Water

Technical Attributes

Method Name	DPD
Number of tests	50
Parameter	Chlorine, Free
Platform	Powder Pillows
Sample size	5 mL
Storage Conditions	10 - 25 °C



DPD Total Chlorine Reagent Powder Pillows, 5 mL, pk/50 (#TKH2198246)

Overview:

Achieve precise water testing with Hach's boric acid free DPD Total Chlorine Reagent Powder Pillows. Specifically designed for total chlorine determination using the DPD Method, these reagent pillows ensure accurate and consistent results. Ideal for a wide range of water analysis applications, they offer high accuracy and ease of use. Trust our DPD Total Chlorine Reagent Powder Pillows for environmentally friendly and dependable chlorine testing.

Range: up to 2.5 mg/L Cl₂

Sample Size: 5 mL.

Pack of 50 powder pillows.

*This product has not been evaluated to test for chlorine and chloramines in medical applications in the United States.

Applications:

- Groundwater
- Municipal Water
- Potable Water
- Surface Water

Technical Attributes

Method Name	DPD
Number of tests	50
Platform	Powder Pillows
Sample size	5 mL
Storage Conditions	10 - 25 °C



Hardness (Total) Reagent Set for HA-71A Test Kit (#TKH2437800)

Overview:

For determination of Total Hardness by the Drop Count EDTA Titration Method. Replacement reagent set for HA-71A Test Kit. Set contains Buffer Solution (Hardness 1), Hardness 2 and Hardness 3 Test Solutions for approximately 100 tests.

Applications:

- Groundwater
- Membrane Protection
- Municipal Water
- Pre-Treatment
- Source Water
- Surface Water



Technical Attributes

Method Name	EDTA Titration
Parameter	Hardness (Total)
Range	1 - 20 mg/L CaCO ₃
Special Features	Reagent set, HA-71A test kit

Chlorine (Total) Test Kit, Model CN-21P (#TKH2444400)

Overview:

Chlorine Test Kits are manufactured by Hach Company to ensure compliance with stringent quality control standards. Using the Drop Count Titration method, the CN-21P Chlorine Test Kit is used to determine high concentrations of chlorine in sanitizing applications. 10-200 mg/L; contains 100 tests.

*This product has not been evaluated to test for chlorine and chloramines in medical applications in the United States.

Benefits:

Simple, economical titration method

Kit contains all required reagents, solutions, and glassware



Technical Attributes

Case Style	B
Footnote	*mg/L unless otherwise noted, ppb = $\mu\text{g/L}$, ppm = mg/L.; gpg = grains per gallon; 1 gpg = 17.1 mg/L or 17.1 ppm.
Method Name	Drop count titration/
Model	CN-21P
Number of tests	100
Parameter	Chlorine, mid and high range - As total Cl_2
Platform	Drop Count Titration
Range	10 - 200 mg/L Cl_2
Smallest Increment	10
What's included?	Includes three reagents, tube, bottle, instruction sheet, and carrying case.

Free & Total Chlorine Test Strips, 0-10 mg/L (#TKH2745050)

Overview:

The most widely used disinfectant for drinking water, chlorine is also important for sanitizing swimming pools, cooling towers, other industrial equipment, and in the treatment of municipal wastewater. Its measurement and control are vital for both safety and economic reasons. Chlorine exists in water as "free" chlorine (hypochlorite) or "combined" chlorine (chloramines). These chlorine test strips streamline water testing for field technicians, enabling swift analysis of multiple samples within minutes and facilitating on-site evaluations without the need for extensive preparation or cleanup. Widely utilized in laboratories globally, our chlorine test strips serve as invaluable tools for pre-test screening, swiftly detecting potential interferences with lab testing procedures. Each package contains 50 tests.

*This product has not been evaluated to test for chlorine and chloramines in medical applications in the United States

Applications:

- Groundwater
- Membrane Protection
- Municipal Water
- Surface Water

Benefits:

Accurate and easy to use - just dip and read!

Great for quick, on-site evaluations of free and total chlorine levels.

Technical Attributes

Footnote	*mg/L unless otherwise noted; ppb = $\mu\text{g/L}$; ppm = mg/L.; gpg = grains per gallon; 1 gpg = 17.1 mg/L or 17.1 ppm.
Method Name	Test Strips
Model	TS
Parameter	Free and Total Chlorine
Platform	Test Strip
Range	0 - 10 mg/L Cl_2
Smallest Increment Steps	Steps: 0, 0.5, 1, 2, 4, 10
Units	50 tests



pH Test Strips, 4-9 pH units (#TKH2745650)

Overview:

pH test strips offer a convenient and versatile solution for measuring the acidity or alkalinity of various aqueous solutions. Most natural waters exhibit pH levels ranging from pH 4 to pH 9, with common values exceeding pH 7 due to the presence of carbonates and bicarbonates, contributing to alkalinity. In industrial settings, maintaining precise pH levels in processes such as manufacturing, chemical production, and wastewater treatment is crucial for optimal efficiency and product quality. Similarly, in boiler feed water systems, controlling pH within a narrow range is essential to prevent corrosion and scale buildup. Additionally, pH regulation in swimming pools is vital for ensuring water comfort, swimmer safety, and the effectiveness of sanitizers.

With 50 tests per package, our pH test strips provide a cost-effective and user-friendly solution for accurate pH measurement in a wide range of applications.

Benefits:

Easy to use, disposable, and inexpensive

Great for quick evaluations of pH levels in the lab or in the field



Technical Attributes

Footnote	*mg/L unless otherwise noted, ppb = $\mu\text{g/L}$, ppm = mg/L.; gpg = grains per gallon; 1 gpg = 17.1 mg/L or 17.1 ppm.
Model	Test Strips
Parameter	pH
Platform	Test Strip
Range	4 - 9 pH units
Smallest Increment Steps	Steps: 4,5,6,7,8,9 pH
Units	50 tests

Arsenic Low Range Test Kit (#TKH2800000)

Overview:

Hach arsenic test strips provide results within a range of 0 - 500 ppb. This reliable method recovers 100% of inorganic arsenic in samples and allows detection of arsenic levels in the field to assess compliance with the EPA Arsenic Rule.

Benefits:

No lab analysis needed—detect arsenic levels in the field to assess compliance with the EPA Arsenic Rule

Reliable test strip method recovers 100% of inorganic arsenic in samples



Technical Attributes

Case Style	D
Model	Test Strip†
Number of tests	100
Parameter	Arsenic, Low Range
Platform	Test Strip
Range	0 - 500 ppb
Smallest Increment Steps	Steps: 0, 10, 30, 50, 70, 300 , 500
What's included?	Includes five reagents, test strips, reaction vessel with cap, measuring scoop, instructions and carrying case.

Hardness 1 Buffer Solution, 100 mL MDB (#TKH42432)

Overview:

Buffer for hardness and chelant determination by titration, pH 10.1 ± 0.1 at 20°C. Hach methods 8213 and 8226. Also used in Hach Phenols method 8047. 100 mL Marked Dropping Bottle

Applications:

- Industrial Wastewater
- Municipal Water

Technical Attributes

Method Name	EDTA Titration
Method Number	8226, 8213
Number of tests	100
Platform	Solution
Quantity	100 mL



Hardness 1 Buffer Solution, 500 mL (#TKH42449)

Buffer for hardness and chelant determination by titration, pH 10.1 ± 0.1 at 20°C. Hach methods 8213 and 8226. Also used in Hach Phenols method 8047. 500 mL Bottle

Applications:

- Industrial Wastewater
- Municipal Water

Technical Attributes

Method Name	EDTA Titration
Method Number	8213, 8226
Number of tests	50
Parameter	Hardness
Platform	Solution
Quantity	500 ml



Hardness 2 Indicator Solution, 100 mL MDB (#TKH42532)

Overview:

ManVer (Calmagite) Hardness Indicator, for hardness and chelant determination by titration. 100 mL Marked Dropping Bottle

Applications:

- Industrial Wastewater
- Municipal Water

Technical Attributes

Method Name	EDTA Titration
Number of tests	~ 300
Parameter	Hardness
Platform	Solution
Quantity	100 mL



Hardness 2 solution, 500 mL (#TKH42549)

Overview:

ManVer (Calmagite) Hardness Indicator, for hardness and chelant determination by titration. 500 mL bottle

Applications:

- Industrial Wastewater
- Municipal Water

Technical Attributes

Method Name	EDTA Titration
Platform	Solution



Hardness 3 Solution, 100 mL MDB (#TKH42632)

Overview:

EDTA titrant solution for hardness determination by drop-count titration. 0.03 N (0.015 M) 100 mL Marked Dropping Bottle

Applications:

- Industrial Wastewater
- Municipal Water

Technical Attributes

Method Name	EDTA Titration
Parameter	Hardness
Platform	Solution
Quantity	100 mL
Titrant	EDTA



Hardness 3 solution, 500 mL (#TKH42649)

Overview:

EDTA titrant solution for hardness determination by drop-count titration. 0.03 N (0.015 M) 500 mL bottle

Applications:

- Industrial Wastewater
- Municipal Water

Technical Attributes

Method Name	EDTA Titration
Platform	Solution



UniVer 3 Hardness reagent, 28 g (#21320H)

Overview:

Combined indicator and buffer for determination of total hardness by titration methods. 28 g bottle.

Applications:

- Groundwater
- Membrane Protection
- Municipal Water
- Pre-Treatment
- Source Water

Technical Attributes

Method Name	EDTA Titration
Platform	Jar



Square Glass Bottle, 29 mL, 6/pk (#TKH439-06)

Overview:

Square glass mixing bottle equivalent to 1 oz. Screw cap (part number 2166706) sold separately.



Square Glass Bottle, 29 mL, 6/pk (#TKH51100)

Overview:

Molded plastic cup. Weight based on sodium chloride. Used in many Hach test kits and procedures.

Technical Attributes

Capacity	0,1 g
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Glass Viewing Tube, 6/pk (#TKH173006)

Overview:

Glass viewing tubes contain 5 mL mark.

Technical Attributes

Quantity	6 /pk
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Dropper assembly, child resistant, 0.5 & 1.0 mL (for bottle 23184-06) pk/6 (#TKH2318506)

Overview:

Child-resistant dropper assembly with 0.5 and 1.0 mL marks on glass barrel. Pack of 6 droppers. Fits 118 mL bottle 2937406.

Technical Attributes

Quantity	6 /pk
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FerroVer iron reagent powder pillows, 5 mL, pk/50 (#TKH29746)

Overview:

For Iron determination by the 1,10 phenanthroline method, using FerroVer® Iron Reagent Powder Pillows. For 5-mL samples. Pack of 50 Powder Pillows

Applications:

- Industrial Wastewater
- Municipal Water

Technical Attributes

Method Name	FerroVer
Platform	Powder Pillows



UniVer 3 Hardness Reagent Powder Pillows, pk/100 (#TKH96299)

Overview:

Combined indicator/buffer for total hardness determination by titration. For use with total hardness test kits. Pack of 100 Powder Pillows.

Applications:

- Groundwater
- Membrane Protection
- Municipal Water
- Pre-Treatment
- Source Water

Technical Attributes

Method Name	EDTA Titration
Method Number	Various
Parameter	Hardness
Platform	Powder Pillows
Quantity	100 /pk

