# Taylor's Residential Series<sup>™</sup> Test Kits

## **INTRODUCTION**

aylor's Residential Series<sup>™</sup> test kits are designed for spa and pool owners who have low bather loads and test their water between visits from a service technician or trips to their pool supplies store. This series uses the same quality reagents as Taylor's kits for professional analysts. Buyers have a choice of three progressively more sophisticated models: **3-Way**, **6-Way**, and **9-Way**, as described below.

Every Residential kit is available in our **classic case**—the solid blue, injection-molded plastic kit which is so durable it can be refilled season after season. Tabs on every case make them easy to hang from hooks.

Residential kits feature .75 oz. reagents color-coded to instructions; sanitizer values for both chlorine and bromine testing; five sets of printed-color standards encased in plastic for longevity (calibrated to work with Taylor pH reagents R-0014, R-0015, and R-0016); and molded fill lines to ensure the correct sample size.

Instructions are written in clear, nontechnical terms and include pictograms for ease of following steps. Instruction cards printed on waterproof paper that resists fading and tearing. Homeowners using a Residential kit can go to **web.suretreat.com**, enter their test results, and get treatment recommendations for balancing their pool water by using Taylor's online Water Analysis program.

# **RESIDENTIAL KITS**

#### 3-WAY (OT)

Total Chlorine .5–5 ppm Total Bromine 1–10 ppm pH 6.8–8.2 English: K-1000

French: K-1000F Spanish: K-1000S

English and Spanish versions are available in case packs of twelve (K-1000-12, K-1000S-12)

#### 3-WAY (DPD)

Free Chlorine .5–5 ppm Total Bromine 1–10 ppm pH 6.8–8.2 English: K-1001 French: K-1001F Spanish: K-1001S

English, French, and Spanish versions are available in case packs of twelve (K-1001-12, K-1001F-12, K-1001S-12)

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The K-1004 6-Way DPD kit monitors three variables that impact water quality so problems can be detected and treated early, with less expense.

#### 3-WAY (DPD)

Free Chlorine .25–2.5 ppm Total Bromine .5–5 ppm pH 6.8–8.2 English: K-1101 Spanish: K-1101S

Spanish version is available in a case pack of twelve (K-1101S-12)

#### 6-WAY (**0T**)

Total Chlorine .5–5 ppm Total Bromine 1–10 ppm pH 6.8–8.2 (with acid & base demand) Total Alkalinity 1 drop = 10 ppm **English: K-1003** 

Available in a case pack of six (K-1003-6)

#### 6-WAY (DPD)

Free & Total Chlorine .5–5 ppm Total Bromine 1–10 ppm pH 6.8–8.2 (with acid demand) Total Alkalinity 1 drop = 10 ppm English: K-1004 Spanish: K-1004S English and Spanish versions are available in case packs of six (K-1004-6, K-1004S-6)

### 9-WAY (DPD)

Free & Total Chlorine .5–5 ppm Total Bromine 1–10 ppm pH 6.8–8.2 (with acid & base demand) Total Alkalinity 1 drop = 10 ppm Calcium Hardness 1 drop = 10 ppm Cyanuric Acid 30–100 ppm (includes *I Never Liked Chemistry* booklet) **English: K-1005** 

Available in a case pack of four (K-1005-4)

Taylor Technologies, Inc. 410-472-4340 800-TEST KIT (837-8548) www.taylortechnologies.com

the most trusted name in water testing

ISO 9001:2015 Certified

#### **USER BENEFITS**

- Liquid reagents dispense completely and eliminate the need to wait for tablets to dissolve.
- Printed-color standards, molded in plastic for protection against water, chemicals, and scratches, yield **reliable color matches.**
- Drop tests provide a **clear color change** to signal the endpoint.
- Waterproof instructions are printed on plasticimpregnated paper that resists fading and tearing.
- **Proven chemistries** are based on *Standard Methods for the Examination of Water and Wastewater*, APHA, Washington, DC, and/or *American Society for Testing and Materials*, ASTM, Philadelphia, PA. Some methods use proprietary chemistry developed by Taylor Technologies.

#### **ALSO AVAILABLE**

- Kit replacement parts and reagents.
- **Deox Reagent** (K-1520) to supplement the chlorine test in K-1004 and K-1005; use to eliminate test interference caused by the presence of potassium monopersulfate in the water.
- Biguanide, hydrogen peroxide, salt water, and numerous other **specialty tests** for the consumer market.
- Video demonstrations for new users posted on our website.
- Toll-free technical assistance at 800-TEST KIT.

Residential Test K

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# **REPRESENTATIVE TEST PROCEDURE**

Reproduced from K-1004 instruction:

POOL & SPA WATER TESTS 1. Keep test lit out of reach of rithines. 2. Do not dispose of solutions in pool or spa. 4. Anot dispose of solutions in pool of solutions in pool of solutions in pool or spa. 4. Anot dispose of solutions in pool of solutions in				
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Pri Test Test dill Filtes right comparator test cill and fill with sample water to to	Acid Demond Test  STEP 2 Use tracted sample from pit test.  STEP 2 To LOWER pit, add R-0015. After each drop, cap and invert to mix (D0 N015 SMAR). Compare with color standards will desired pit in atchder. Record mimber d drops needed and contact your focal pot pool (Sample Standard).	PH	Leg out description of the second sec	The provider advantage of cultural tectures of the set set of the data water with treatment chemical tecture data methods and the set of the levels teted. Balance water with treatment data data and the set of the set of the set of the chemical set of the set of the set of the chemical set of the set of the set of the the set of the set of the set of t
black line. Detween two values is a weak of the second sec	s, pH no.* ommended for those with higher usage or recurrent water problems. hty ideal Total Alkalinity Range: 80-120 ppm (pools or spas)	Potential Problems:     too low: corrodes surfaces/irritate eyes 8.skin     too low: corrodes surfaces/irritate eyes 8.skin     too high = scale deposits/cloudy water/poor     sanitizer efficiency/bather disconfort     Kitr     Total Albelinity	Mitaton alufori fuzzo mplaints of "too much sine" in water. sine" in w	Adjos pri to 74 UP. As perform in each print. Choirnaiton to eliminate combined chlorine. Do not reenter water until free chlorine level drops below 5 pm. Adjust pH to 7.4 to 7.6.* Superchlorinate or shock.
	Willipity drops in Step 4 by To Record as parts per Giologic topoly total atalinity." Wois websametweet com to crepte on percent, save your part of relative on percent, save your part of relative	Total alkalinity is the measurement of the water's ability to control pH. Maintaining the correct total alkalinity inour poolSpa water will help prevent costly equipment repairs and the extra expense of additional treatment chemicals. Recommended Ideal Range: 80 to 120 ppm (poolS Blue and spas) Fet weekly Server	Poor hitration. High pti High total alkalinity. High total alkalinity. Iron. Ple-black water. Manganese. e-green water. Copper. Algae. Taces & cloudy or green	Linext ruter to proper operation. Lower pht 0.7 k to 7.8.* Lower total alkalinity to 80-120 ppm. Seek expert advice on source of metals & treat- ment solution. Adjust pht 10:7 k to 7.8.* Superchlorinate to 30 ppm. Concrete: Brush sides & bottom with stainless
Rinse and Fills ample tube (1976) By Carlos, Sector, S	ically, www.taylortchologies.com drop, reach anges texture to the second sec	Potential Problems Potential Problems - too low ph boxins (difficult to maintain)/ - too low ph boxins (difficult to adjust) potential for - so align ph lock (difficult to adjust) potential for - so align ph lock (difficult to adjust) potential for - so align photo photo photon - so align p	er. Black spotty patches ono surfraces. Vellow rdery deposits on shady of pool. ways bring total alkalinity into recommended rang	steel brush. Vinyl liner: Use soft nylon brush. Repeat if necessary. Use algaecides. e before adjusting pH.

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