

Taylor TTK2006SALT

Taylor K-2006-SALT FAS-DPD 9-in-1 Pool & Spa Test Kit User Manual

Comprehensive Guide for Water Chemistry Analysis

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1. INTRODUCTION

The Taylor K-2006-SALT FAS-DPD 9-in-1 Pool & Spa Test Kit is designed for accurate and reliable water chemistry analysis in both chlorine and saltwater pools and spas. This kit provides the necessary reagents and equipment to measure nine critical water parameters, ensuring optimal water quality and safety.

The parameters tested include Free & Combined Chlorine, pH, Acid & Base Demand, Total Alkalinity, Calcium Hardness, Cyanuric Acid (CYA), and Chloride (Sodium Chloride). Regular testing with this kit helps maintain balanced water chemistry, preventing issues such as corrosion, scaling, and ineffective sanitation.

2. SAFETY INFORMATION

- Always read and follow all instructions carefully before use.
- Keep all reagents out of reach of children and pets.
- Avoid contact of reagents with skin and eyes. In case of contact, rinse immediately with plenty of water and seek medical advice if irritation persists.
- Do not ingest reagents. If swallowed, seek immediate medical attention.
- Store the kit in a cool, dry place, away from direct sunlight and extreme temperatures.
- Dispose of used reagents and test samples according to local environmental regulations.
- Wear appropriate personal protective equipment, such as gloves and eye protection, when handling chemicals.

3. WHAT'S INCLUDED

Your Taylor K-2006-SALT FAS-DPD Test Kit includes the following components:

See **Reliable Results** in Seconds



STEP 1

Fill comparator cell with water sample.



STEP 2

Add reagent drops according to Test Kit instructions.



STEP 3

Cap and invert to mix reagents and water sample.



STEP 4

Compare water color to standards on comparator.



Input your test results in the **sureTREAT®** mobile app or website (web.suretreat.com) for a water analysis report and precise treatment dosages and recommendations.

Image: Contents of the Taylor K-2006-SALT FAS-DPD Test Kit.

- Convenient Storage Case
- 2000 Series Comparator (FAS-DPD)
- Bottle with Dispenser Cap
- Watergram® Water Balance Calculator
- Test Tube
- User Guide with Visual Step-by-Step Instructions
- 15 Easy-to-Use Reagents for 9 Test Parameters:
 - DPD Powder (R-0870)
 - FAS-DPD Titrating Reagent (R-0871)
 - DPD #3 (R-0003)
 - pH Indicator Solution (R-0004)

- Acid Demand (R-0005)
- Base Demand (R-0006)
- Thiosulfate (R-0007)
- Total Alkalinity Indicator (R-0008)
- Sulfuric Acid (R-0009)
- Calcium Buffer (R-0010)
- Calcium Indicator Liquid (R-0011L)
- Hardness (R-0012)
- Cyanuric Acid (R-0013)
- Chromate Indicator (R-0630)
- Silver Nitrate (R-0718)

4. SETUP

Before performing any tests, ensure you have a clean, well-lit workspace. Familiarize yourself with the components of your test kit and the provided user guide.

1. **Unpack the Kit:** Carefully remove all bottles, the comparator, test tubes, and the Watergram® from the storage case.
2. **Read Instructions:** Review the detailed user guide provided with your kit. It contains specific instructions for each test, including reagent quantities and interpretation of results.
3. **Prepare Water Sample:** Collect a fresh water sample from your pool or spa, away from return jets and skimmers, at elbow depth. Ensure the sample is free of debris.
4. **Clean Equipment:** Rinse the comparator and test tubes thoroughly with the water to be tested before each use to prevent contamination.

5. OPERATING INSTRUCTIONS

The following general steps apply to most tests. Refer to the specific instructions in your kit's user guide for precise details on each parameter.

See **Reliable Results** in Seconds



STEP 1
Fill comparator cell with water sample.



STEP 2
Add reagent drops according to Test Kit instructions.



STEP 3
Cap and invert to mix reagents and water sample.



STEP 4
Compare water color to standards on comparator.



Input your test results in the **sureTREAT®** mobile app or website (web.suretreat.com) for a water analysis report and precise treatment dosages and recommendations.

Image: Visual guide for performing a water test with the Taylor kit.

General Testing Procedure:

1. **Step 1: Fill Comparator Cell:** Fill the comparator cell(s) or test tube(s) to the indicated mark with your water sample.
2. **Step 2: Add Reagent Drops:** Add the appropriate number of drops of the specified reagents to the water sample, as directed in the kit's instructions for the test you are performing.
3. **Step 3: Cap and Invert:** Cap the comparator cell(s) or test tube(s) and invert several times to thoroughly mix the reagents with the water sample.
4. **Step 4: Compare Color:** Compare the color of the treated water sample to the color standards on the comparator. Read the result that most closely matches the sample's color. For titration tests, count the drops until a color change occurs.

Specific Test Parameters:

The kit measures the following parameters:



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Image: Overview of water testing parameters.

- **Free Chlorine:** Measures the amount of chlorine available to sanitize your pool and spa water.
- **Combined Chlorine:** Measures chlorine that is bound to swimmer waste and is associated with chlorine odor and eye irritation.
- **pH Level:** Measures pH level for swimmer comfort and to prevent damage to your pool and spa.
- **Acid & Base Demand:** Used to measure how far away from neutral the pH of pool or spa water is.
- **Total Alkalinity:** Measures how well the water resists pH changes to prevent sudden changes.
- **Calcium Hardness:** Measures the amount of dissolved calcium to avoid corrosion and scaling.
- **Cyanuric Acid (CYA):** Measures CYA levels to protect chlorine loss from sunlight.
- **Sodium Chloride (Salt):** Measures levels of salt so the chlorine generator can produce chlorine.

For detailed step-by-step instructions for each specific test, consult the user guide included in your kit. The guide provides pictograms and non-technical language for ease of understanding.

6. MAINTENANCE

- **Clean Equipment:** After each use, thoroughly rinse all test tubes, comparators, and caps with clean water. Allow them to air dry completely before storing.
- **Store Reagents Properly:** Keep reagent bottles tightly capped and stored upright in the kit's case. Store the entire kit in a cool, dark, and dry place to prolong the life of the reagents. Avoid extreme temperatures.
- **Check Expiration Dates:** Reagents have a limited shelf life. Check the expiration dates on each bottle and replace expired reagents as needed. Replacement reagents are available separately.
- **Handle with Care:** Avoid dropping or mishandling the kit components, especially the glass test tubes and plastic comparator, to prevent damage.

7. TROUBLESHOOTING

If you encounter issues while using your test kit, consider the following common problems and solutions:

Problem	Possible Cause	Solution
Inaccurate or inconsistent results	<ul style="list-style-type: none"> • Expired reagents • Contaminated test tubes/comparator • Incorrect sample collection • Improper mixing 	<ul style="list-style-type: none"> • Check reagent expiration dates and replace if necessary. • Thoroughly clean all equipment before each test. • Collect sample from elbow depth, away from jets. • Ensure proper mixing by inverting capped tubes.
Difficulty distinguishing color changes	<ul style="list-style-type: none"> • Poor lighting conditions • Color blindness 	<ul style="list-style-type: none"> • Perform tests in bright, natural light. • Consider having another person verify color readings.
Reagent bottle appears empty or clogged	<ul style="list-style-type: none"> • Bottle is genuinely empty • Crystallization in dropper tip 	<ul style="list-style-type: none"> • Replace the reagent. • Gently tap the bottle or clear the tip with a clean, thin object (e.g., toothpick).

If problems persist, refer to the detailed troubleshooting section in your kit's user guide or contact Taylor customer support.

8. SPECIFICATIONS

- **Brand:** Taylor
- **Model Number:** TTK2006SALT
- **UPC:** 840036031308
- **Test Parameters:** Free & Combined Chlorine, pH, Acid & Base Demand, Total Alkalinity, Calcium Hardness, Cyanuric Acid (CYA), Chloride (Sodium Chloride)
- **pH Range:** 6.8-8.2
- **Unit Count:** 15.0 Count (reagents)
- **Recommended Uses:** Spa, Swimming Pool
- **Manufacturer:** Taylor Technologies

9. WARRANTY AND SUPPORT

Taylor Technologies is committed to providing high-quality water testing products and support. While specific warranty details for the K-2006-SALT kit are not provided here, Taylor products are known for their reliability and are backed by customer support.

For any questions regarding test procedures, reagent replacement, or general inquiries, please contact Taylor customer service. They are available to empower and assist you with your water testing needs.

Contact Information: Please refer to the contact details provided on the Taylor Technologies official website or within the packaging of your test kit for the most current support options.