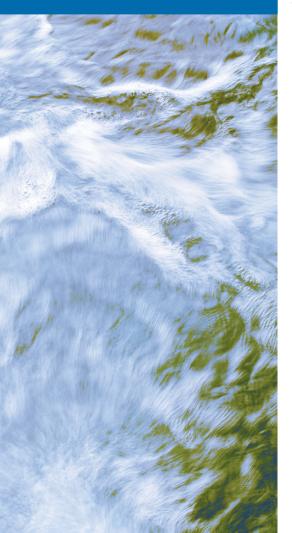
Combination Outfit

For General Water Analysis



Test Kit Instruction Manual Code 4783-03

Code 3590-03



COMBINATION WATER OUTFIT

CODE 4783-03 CODE 3590-03

QUANTITY	CONTENTS	CODE
15 mL	*Hardness Reagent #5	*4483-E
50	Hardness Reagent #6 Tablets	4484A-H
60 mL	Hardness Reagent #7	4487WT-H
30 mL	*Iron Reagent #1	*4450-G
4.5 g	*Iron Reagent #2 Powder	*4451-S
30 mL	*Wide Range Indicator	*2218-G
30 mL†	*Sulfide Reagent A	*4458-G
15 mL†	*Sulfide Reagent B	*4459-E
60 mL†	Sulfide Reagent C	4460-H
1	Test Tube, w/cap	4488
1	Spoon, 0.05 g, plastic	0696
4 (6†)	Test Tubes, plastic, 2.5-5-10 mL, w/caps	0106
1†	Pipet, 1.0 mL, plastic	0354
1	Iron Octa-Slide 2 Bar, 0.5-10.0 ppm	4448-01
1	Wide Range pH Octa-Slide 2 Bar, 5.0-10.0 ppm	3483-01
1†	Sulfide Octa-Slide 2 Bar, 0.2-20 ppm	4457-01
1	Octa Slide 2 Viewer	1101

*Reagent is a potential health hazard. **READ SDS:** lamotte.com. **Emergency information:** Chem-Tel USA 1-800-255-3924 Int'l, call collect, 813-248-0585







To order individual reagents or test kit components, use the specified code number.

†Code 3590-03 Only

USE OF THE **OCTA-SLIDE 2 VIEWER**

TOTAL HARDNESS TEST PROCEDURE

1

Fill the test tube (4488) to the desired line with the sample water,

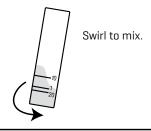
 $1 \text{ drop} = 10 \text{ ppm } CaCO_3$ upper line: middle line: $1 \text{ drop} = 1 \text{ qpq } CaCO_3$ Inwer line $1 \text{ drop} = 20 \text{ ppm } CaCO_3$

2



Add 5 drops of *Hardness Reagent #5 [4483].

3



4



Add 1 Hardness Reagent #6 Tablet [4484A].

5

Swirl until tablet has disintegrated. Solution will turn Red if hardness is present. Proceed to next step. If solution is Blue. there is no measurable amount of hardness.

6



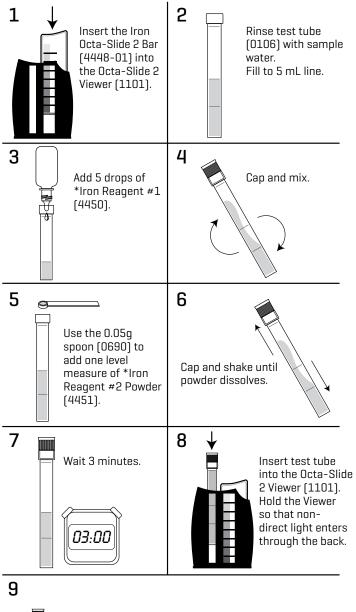
While gently swirling the tube, add Hardness Reagent #7 [4487WT] one drop at a time until the red color changes to blue. Count the number of drops added. Hold bottle vertically.

7

Multiply the number of drops used in Step 6 as follows:

upper line: each drop equals 10 ppm Hardness as CaCO₃ middle line: each drop equals 1 qpq Hardness as CaCO₃ each drop equals 20 ppm Hardness as CaCO₃ lower line:

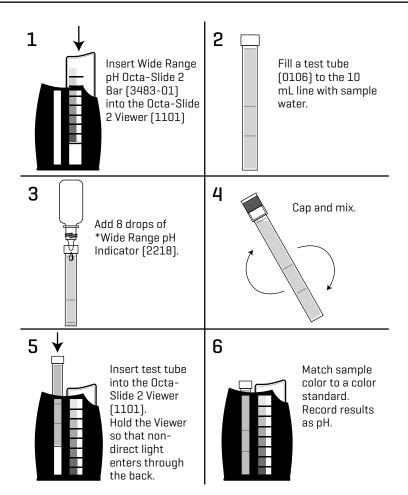
IRON TEST PROCEDURE





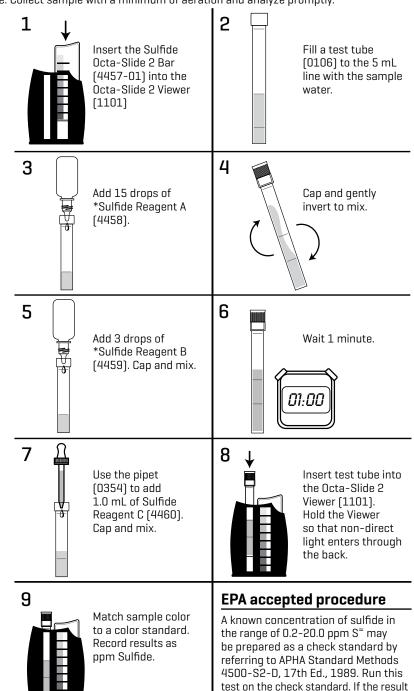
Match sample color to a standard. Record results as ppm iron.

pH TEST PROCEDURE



TOTAL SULFIDE TEST PROCEDURE

†Supplied only with Code 3590-03 Note: Collect sample with a minimum of aeration and analyze promptly.



is incorrect, discard the old reagents and order the reagent refill package.



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