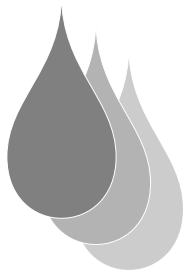


*Test for
Pocket
Colorimeter,
DR-890, DR-700*

58700-42



Watertech of America, Inc.
9415 W. Forest Home Av.
Hales Corners, WI 53130
(414) 425-3339
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RESIDUAL BOILER WATER POLYMER TEST

FOR HACH POCKET COLORIMETER,

DR-890 AND DR-700

PROCEDURE

1. Add 10 ml of filtered boiler water to two 10 ml vials.
2. Add 1.0 ml of Polymer Buffer (#4906/4907) to each vial and roll to mix. Do not shake.
3. Add 1.0 ml of Polymer Reagent (#4908/4909) to one of the vials. Roll to mix. Do not shake. This is called the test sample. The sample with only the Polymer Buffer is called the blank.
4. Immediately begin to time for 10 minutes. This is critical. **You must read the sample at exactly 10 minutes.**
5. After 10 minutes, place the blank in the colorimeter vial holder. Close the light shield. Press zero.
6. After the blank has zeroed, place the test sample in the holder, close the light shield and press "Read".
7. The reading is in absorbance. Your Watertech representative will determine appropriate control limits.

NOTE: Boiler water must be filtered to remove turbidity (0.45 micron filter). See next page for syringe, filter paper and housing needed for filtration.

NOTE: When zeroing and reading the sample, make sure the vial is clean and dry.

NOTE: If the absorbance of the tested sample is greater than 2.0, the boiler water sample should be diluted and retested and the appropriate dilution factor should be used when determining the concentration.

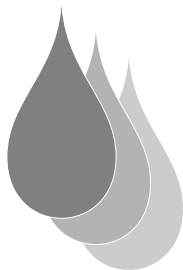
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REVISED DATE 9/24/10

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**Reagents and Apparatus for
Pocket Colorimeter #58700-42, DR-890, DR-700**

Part #	Description
58700-42	Pocket Colorimeter (420 NM) (comes with 2 10 ml sample cells)
4906	Polymer Buffer/2 oz
4907	Polymer Buffer/pt
4908	Polymer Reagent/2 oz
4909	Polymer Reagent/pt
39839-01	Syringe/60 ml/plastic
47948	Filter Paper/2.5 cm/.45 micron
2468-00	Filter Holder
24276-06	Sample Cells / 10 ml / w/cap / pk 6