

# Peracetic Acid Test Kit

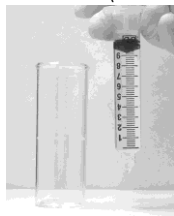
(PERASAN® MP-2, PERASAN® MP-2C or BioSide HS Products) 15% Peracetic Acid Test Method  
(Test Procedure #101)

*A clean/clear sample is required! Pretreatment filtration may be advised for some samples.*

- Using one of the 10ml syringes carefully measure 10ml (cc) of the sample to be tested. **Be sure no air bubbles are in the syringe! The 10ml (cc) sample should contain ONLY water and NO air bubbles!**
- Carefully add the contents of the syringe to the test vial.
- To the sample add **5 drops** of **#1 Reagent** and swirl the test vial to mix.
- To the sample add **5 drops** of **#2 Reagent** and swirl the test vial to mix.
- To the sample add **5 drops** of **#3 Reagent** and swirl the test vial to mix. Wait 10 seconds.
- To the sample add **5 drops** of **#4 Reagent** and swirl the test vial to mix. Sample should be blue/black in color.
- Add **#5 Reagent**, drop by drop while swirling the test vial, counting the drops, until the sample turns **COLORLESS** and is stable for at LEAST 10 seconds.

## This is the endpoint!

(Care should be taken to hold the OptiDrop dispenser in a vertical position for accurate results)



Carefully measure sample



Adding Rgts 1-4 sample should be black



Clear-Colorless stable endpoint



**Masters** Company Inc.  
Creative Solutions for Water Management

890 Lively Blvd. Wood Dale, IL. 60191  
Tel. No.: 630-238-9292 Fax No.: 630-238-9297  
Email: mci@masterscoinc.com

1 drop = 8.0 ppm active PAA  
(Perasan MP-2)

1 drop = 10.0 ppm active PAA  
(Perasan MP-2C)

1 drop = 3.5 ppm active PAA  
(BioSide HS)

Count the ppm of Peracetic Acid  
using the following:

# of drops x 8 = active ppm  
Peracetic Acid in Perasan MP-2

# of drops x 10 = active ppm  
Peracetic Acid in Perasan MP-2C

# of drops x 3.5 = active ppm  
Peracetic Acid in BioSide HS

*If lower levels of Peracetic Acid are evident  
(less than 25 ppm), use 15mls of test solution  
and repeat the test. Count the ppm of Peracetic  
Acid using the following:*

# of drops x 5.3 = active ppm  
Peracetic Acid in Perasan MP-2

# of drops x 6.6 = active ppm  
Peracetic Acid in Perasan MP-2C

# of drops x 2.3 = active ppm  
Peracetic Acid in BioSide HS

# Peracetic Acid Test Kit

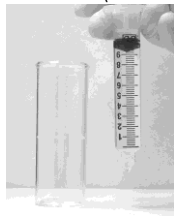
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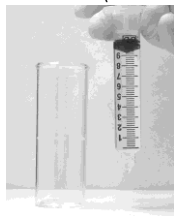
5.6 & 5.0% Peracetic Acid Test Method (PERASAN® A & PERASAN® C-5 & REFLEX)  
(Test Procedure #103)

*A clean/clear sample is required! Pretreatment filtration may be advised for some samples.*

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1 drop = 5.0 ppm active PAA

Count the ppm of Peracetic Acid using the following:  
**# of drops x 5 = active ppm Peracetic Acid**

If **HIGHER** levels of Peracetic Acid are evident (more than 100 ppm), use 3.0 mls of test solution and repeat the test. Count the ppm of Peracetic Acid using the following:

**# of drops x 8.3 = active ppm Peracetic Acid**

This test method is highly accurate for EnviroTech's PERASAN®, PERASAN® C-5 & REFLEX but may not be as accurate for other suppliers products.

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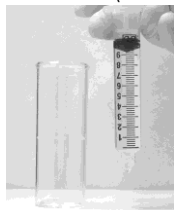
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