

Revision 01/24/13 480902 Ready Snap<sup>™</sup> 2

2

### Method Verification Solution

### **Instruction Manual**

## CAN BE USED WITH THE EXACT® MICRO PHOTOMETERS\* TO VERIFY INSTRUMENT OPERATION

\*This includes models Micro 8, Micro 10, Micro 20, and Eco-Check.





Manufactured By: Industrial Test Systems, Inc. 1875 Langston Street, Rock Hill, SC 29730 USA Phone: 1-800-861-9712 - INSIDE THE U.S. 1-803-329-9712 - OUTSIDE THE U.S.

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Follow the procedure below for the test you are running. If you get the acceptible result using the Ready Snap™ solution, then you can be confident that the reagent, you, and the photometer are working as a SYSTEM correctly



**1.** Turn on the eXact® Micro 10 (M10) Photometer, rinse CELL three times with clean water, and empty CELL.



2. Break open one Ready Snap™ 1 Method Verification Solution in a safe manner with a paper towel as shown (see Images 1 and 2).

NOTE: Do not break open at poolside or around children or pets.

DO NOT CONSUME SOLUTION.

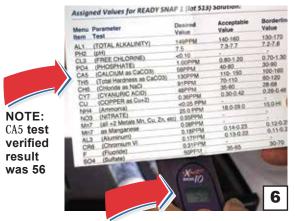


**3.** Take plastic pipette supplied, squeeze bulb with finger and thumb to expel air, and dip pipette tip to the bottom of ampoule and release squeezed bulb slowly to fill pipette (see *Image 3*). Transfer filled pipette liquid to M10 CELL (see *Image 4*).



- **4.** Discard this first liquid sample followed with a quick shake of the meter to empty the CELL of the remaining water drops.
- **5.** Repeat Step 3 and fill the CELL to 4ml capacity (see image 4).
- **6.** Select the MENU for the test method procedure you want verified.
- **7.** Run the test method as you do normally using the correct procedure (see *Image 5 and refer to photometer manual*).
- **8.** Verify the display value against the Assigned Value Chart provided on back of this sheet.
- **9.** If your value is within the Acceptable range, then you are operating the eXact® Micro 10 (M10) Photometer correctly for this **MENU** test method.
- **10.** If your value is borderline, review the Instruction Manual and the proper procedure. Repeat the test again from Step 1 through Step 9.





If you continue failing to obtain the acceptable value, retry Step 1 to Step 9 or call (803) 329-9712 ext 200 for technical support.

#### **Assigned Value Chart for READY SNAP™ 2** (lot 514) **Solution:**

Menu Item	Parameter Test	Desired Value	Acceptable Value	Borderline Value
AS	Arsenic Quick™ (1/10 dilution)	12.5 ppb	10-15	8-18
FE2*	Total Iron (Fe+2/Fe+3)	0.48 ppm	0.38-0.58	0.33-0.61
PO4*	Phosphate	0.32 ppm	0.25-0.39	0.22-0.42
NH3*	Ammonia	0.88 ppm	0.78-0.98	0.68-1.08
NO3	Nitrate	6 ppm	5-7	4-8
MN7	Manganese	0.17 ppm	0.13-0.21	0.11-0.23

NOTE: Values reflect current concentrations as found at time of manufacture.

NU1241.

All values are available as direct read parameters in M20 Photometer except Arsenic (As).

For Arsenic calibration see the chart below.

PRODUCT NAME (PART NUMBER)	VOLUME OF READY SNAP	TEST KIT VOLUME*	DESIRED VALUE	ACCEPTABLE VALUE	BORDERLINE VALUE
Arsenic Quick™ Kit (481396) (Can also be used for soil analysis.)	10mL	50mL	25ppb	22-28	20-30
Arsenic Econo Quick™ (481298)	10mL	100mL	12.5ppb	10-15	8-18
Arsenic Low Range Quick™ (481297-I)	10mL	200mL	6.25ppb	5-7.5	2.5-10
Arsenic Quick™ II (481303)	10mL	100mL	12.5ppb	10-15	8-18
Arsenic Low Range Quick™ II (481301)	10mL	250mL	5.0ppb	4-6	3-7
Arsenic Ultra-Low Quick™ II (481300)	10mL	500mL	2.5ppb	2-4	1-5

<sup>\*</sup>Add Arsenic free water to test bottle to final test kit volume.

#### **Contact Information**

### For US Inquiries and Re-Orders: Industrial Test Systems, Inc.

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<sup>\*</sup>These tests are available as Direct Read Parameters in the M8 Photometer.