- Fill the measuring syringe to the (5ml) mark with the water sample to be tested; the bottom of the curved surface or meniscus should be exactly level with the 5ml mark.
- 2. Empty the contents of the measuring syringe into the mixing bottle.
- 3. Add 6 drops of Nitrite Indicator Solution and mix.
  - c. If the water turns *BLUE*, <u>no</u> Nitrite is present; Nitrite reading is reported as <u>zero</u> (0), the test is discontinued.
  - d. If the water turns *RED*, Nitrite is present and the test should be continued.
- Add NT-2NA Ceric Sulfate Titrating Solution, dropwise, shaking the bottle between each drop, counting the drops, until the water turns *Blue* or *Blue*-*Green* and remains blue or *Blue-Green* for <u>15</u> <u>seconds</u>. This is the endpoint.
- The "NaNO2" reading of the water in ppm (mg/L) is equal to the number of drops of NT-2NA Ceric Sulfate Titrating Solution used times the factor shown on the bottle of titrant. (See examples.)

## #8438 Nitrite Test - "NaNO2" Reading (1drop = 25,50,100 ppm NaNO2/5ml)





Sample w/Nitrite Indicator added Titration completed stable Blue/Green

EXAMPLES:11 drops x 25 = 275ppm(mg/L) Nitrite as NaNO2.11 drops x 50 = 550ppm(mg/L) Nitrite as NaNO2.11 drops x 100 = 1100ppm(mg/L) Nitrite as NaNO2.

## MCI OptiDrop Test Procedure

MCI OptiDrop Test Procedure

## #8438 Nitrite Test - "NaNO2" Reading (1drop = 25,50,100 ppm NaNO2/5ml)

## Replacement Reagents & Equipment for #8438 Nitrite Test Kit

- 1 #R8433Q-25-50 or100ppm NT-2NA Ceric Sulfate Titrating Solution
- 1- #129-X Nitrite Indicator Solution
- 1- #407 Test Vial, Glass w/cap & 1-5cc Syringe
- 1-#8404 Plastic Test Kit Box w/Foam Insert

Product Control Notes:	