Nitrite
Code : XL-509
Range : *0.02 – 0.4 ppm & 0.1 – 2.0 ppm as NO_2*

AQUA-XL
Water Analysing Kits

Directions for use :

1. Take 10 ml of sample to be tested in the Test jar.
2. Add 2 drops of Reagent **NL-1**. Mix well. Wait for 2 minutes.
3. Add 1 micro spoon full of Reagent **NL-2**. Mix well. Wait for 5 minutes.
4. If pink colour appears, it indicates **presence of Nitrite**. If sample remains Colourless, **Nitrite is absent.**
5. Retain this sample for comparison.
6. Fill Second Test Jar upto 10 ml mark with same water sample.
7. Add 2 drops of Reagent B. Mix well.
8. Add Reagent **NL-3** to the second Test Jar, one drop at a time mixing gently after each drop, counting the number of drops added until the pink colour in the Second Test Jar matches the pink colour in the First Test Jar.

p.t.o.

Nitrite
Code : XL-509
Range : *0.02 – 0.4 ppm & 0.1 – 2.0 ppm as NO_2*

AQUA-XL
Water Analysing Kits

Continued ……

\# If Nitrite level of the sample is more than 0.4 ppm, then take 2 ml sample. Dilute it with Nitrite free water up to 10 ml mark.

Take 10 ml of above diluted sample and follow procedure from step no. 2

Calculations

Nitrite ppm as **NO_2** = 0.02 X Number of drops of Reagent NL-3.
Nitrite ppm as **NO_2** = 0.1 X Number of drops of Reagent NL-3.
(For diluted sample)

Nitrite
Code : XL-107
Range : ***10 - 200 & 100 - 2,000 ppm as NO_2***

AQUA-XL
Water Analysing Kits

Directions for use - I :

1. Take 5 ml of water sample to be tested in the Test jar.

2. Add 1 drop of Reagent NI-1 and mix well.

3. Now add Reagent NI-2 drop wise, counting the number of drops while mixing until **the PALE BLUE or BLUISH GREEN colour appears.** Note down the number of drops of Reagent NI-2 required.

Calculations
Nitrite as ppm ***NO_2*** = 10 X Number of Drops of Reagent NI - 2.
If the expected Nitrite is more than 200 ppm then follow Direction for use – II .

(To Convert NO_2 To $NaNO_2$ Multiply NO_2 Reading by 1.5)

p.t.o.

Nitrite
Code : XL-107
Range : ***10 - 200 & 100 - 2,000 ppm as NO_2***

AQUA-XL
Water Analysing Kits

Directions for use -II :

1. Take 0.5ml of water sample to be tested with the help of syringe in the Test jar. Dilute to 5 ml mark with raw water (preferably distilled or DM water).

2 Add 1 drop of Reagent NI-1. Mix contents well.

3. Now add Reagent NI-2 drop wise, counting the number of drops while mixing until **the PALE BLUE or BLUISH GREEN colour appears.** Note down the number of drops of reagent NI-2 required.

Calculations
Nitrite as ppm ***NO_2*** = 100 X Number of Drops of Reagent NI - 2.

(To Convert NO_2 To $NaNO_2$ Multiply NO_2 Reading by 1.5)