



Procedure

Step 1 Nitrite Determination

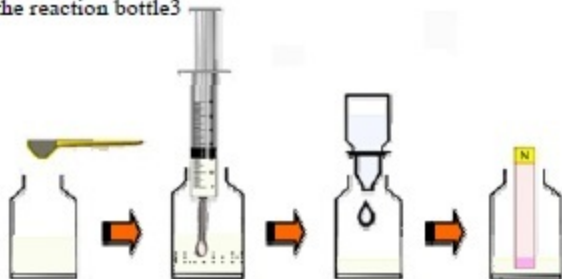
- Add 1 ml of water sample into the reaction bottle1 with syringe 1ml-contained-syringe
- Add 2 drop of reagent Nta2 and swirl gently to mix the solution
- Immerse the strip Nta3 into the solution
- Compare the developed colour with the standard colour scale and note down the obtained concentration of nitrite

Step 2 Nitrate Determination

- Add 2.5 ml of water sample into the reaction bottle2 with 3 ml-contained-syringe
- Add 1 spoon of reagent Nta1 and swirl to mix for 1 minute
- Suck 1ml of the solution with attachable-cotton bud-syringe
- Remove the cotton bud and transfer the solution into the reaction bottle3
- Continue the procedure as in nitrite determination








Step 3 Nitrate Correction

$$\text{NO}_3^- = \text{NO}_3^- \text{ read from colour scale} - (\text{NO}_2^- \text{ read from colour scale} \times 50)$$





แถบสีมาตรฐาน (Standard color scale)

Color Scale							
Nitrate Concentration (ppm N)	0.0	0.5	2.5	5.0	10.0	25.0	50.0
Nitrite Concentration (ppm N)	0.0	0.01	0.05	0.1	0.2	0.5	1.0



Package contents

- | | |
|------------------------------|----------|
| 1. Reaction bottle | 3 piece |
| 2. Syringe 3ml | 1 piece |
| 3. Syringe 1ml | 1 piece |
| 4. Cotton bud | 20 piece |
| 5. Reagent Nta 1 | 1 bottle |
| 6. Reagenr Nta 2 | 1 bottle |
| 7. Plastic bag (paper strip) | 4 piece |



Cautions

- 1) Immediately close all reagent containers after use.
- 2) Avoid contact of liquid reagents with skin and eyes.
- 3) Always wash your hands after using the kit.
- 4) Keep the kit out of direct sunlight and away from heat, food, pets, and the reach of children.



Information on chemicals

Reagent Nta 2 contains corrosive reagent that can cause severe burns to skin and eyes.

Harmful if swallowed.