



## Nitrate - AQUA-XL Water Analysing Kits

### A) Test Range: 0,7.5,15,30,45,60,120 ppm as $\text{NO}_3$

- 1) Take 0.7 ml sample to be tested in the 2-15 ml test tube with the help of syringe and dilute it up to 10 ml mark with distilled/deionized water. (If distilled water is not available use nitrate free drinking water for dilution).
  - 2) Add 2 drops of Nitrate NT-1. Mix by inverting 5 times.
  - 3) Shake Nitrate NT-2 bottle vigorously in to and fro direction, add 2 flat spoonful of Nitrate NT-2. Mix by inverting 10 times.
  - 4) Add 1 flat spoonful of Nitrate NT-3. Mix by inverting 10 times. Wait for 7 minutes.
  - 5) Transfer solution of 2-15 ml tube to flat bottom 10 ml plastic jar & place this jar on the yellow rectangular strip of the colour chart and match with different colours. (View from top side vertically downwards). Note down the ppm level of Nitrate as  $\text{NO}_3$  after colour comparison.
- Note: The colours are best matched in a day light.  
(For example, in presence of light coming from window)

### B) Test Range: 0,0.75,1.5,3,4.5,6,12 ppm as $\text{NO}_3$

Instead of 0.7 ml sample take 7 ml sample in step no.1 and follow test procedure as given above.  
Divide obtained reading by 10.