

ChromiumCode : **XL-601**Range : *0.05 – 0.5 & 0.25 – 2.5 ppm as Cr.***AQUA-XL**
Water Analysing Kits**Directions for use :**

1. Take 10 ml of the sample in a Test jar.
2. Add 20 drops of Reagent **CM-1**. Mix well.
3. Add 3 drops of reagent **CM-2**. Mix well.
4. Add 16 drops of Reagent **CM-3**. Mix well. Wait for 5 minutes.
5. If pink colour appears, it indicates **presence of Chromium**. If sample remains colourless, **Chromium is absent**.
6. Retain this sample for comparison.
7. Fill second 10 ml test jar with same water sample upto 10 ml mark.
8. Add 2 drops of Reagent **B**, mix well.

*p.t.o.***Chromium**Code : **XL-601**Range : *0.05 – 0.5 & 0.25 – 2.5 ppm as Cr.***AQUA-XL**
Water Analysing Kits*Continued*

9. Add Reagent **CM-4**, to the second 10 ml 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 10 ml Test Jar matched the pink colour in the First Test Jar.*

Calculations

Chromium ppm as Cr = 0.05 x Number of drops of Reagent **CM-4**.

Note : If the ppm level of Chromium is more than 0.5 ppm, **then** take 2 ml sample and dilute it upto 10 ml mark with distilled or potable water. Then follow the above procedure from Step 2 to Step 9 and multiply the Test result obtained by 5. (This test is suitable for Hexavalent chromium & not for Trivalent Chromium which is rare in occurrence).