

## Uni-President Calcium & Magnesium Test Kit (Low Salinity)



**Product Name:** Uni-President Calcium & Magnesium Test Kit (Low Salinity)

**Feature:** Determine the calcium & magnesium in water samples for aquarium and aquaculture.

**Specification:**

<b>Range</b>	Ca 20 – 400 ppm as Ca Mg 12 – 960 ppm as Mg
<b>Resolution</b>	Ca 20.0 ppm per drop Mg 12.15 ppm per drop
<b>Number of test</b>	120 test
<b>Method</b>	Titration method
<b>Component in package</b>	1 bottle for reagent#1 – reagent#3, 2 bottle of reagent#T, and 2 plastic tube
<b>Shelf life</b>	2 years

**Instruction for use: Calcium**

1. Rinse the test vessel several times with the water to be tested and fill to the **5 ml.** mark.
2. Add **2 drops of reagent#1** and also **2 drops of reagent#2**, then swirl gently. Solution will be pink color.
3. Drop **reagent#T** drop by drop with swirls gently. After color change

from pink to blue. Counts and record as A.

### **Magnesium**

1. Rinse the test vessel several times with the water to be tested and fill to the **2.5 ml.** mark.
2. Add **1 level spoon of powder#3** and swirl gently, the solution will be orange color.
3. Drop **reagent#T** drop by drop with swirls gently and counts the total drops that change the solution color from orange to green and record as B.

$$\text{Calcium} = A * 20 \text{ (ppm)}$$

$$\text{Magnesium} = (2B - A) * 12.15 \text{ (ppm)}$$

$$\text{Total Hardness} = B * 100$$