

# Fluoride[F] test using Comparator

Fluoride analysis using Comparator(Wagtech company product)



Prepare the materials:

- Comparator
- Chemical(No.1 tablet)
- Chemical(No.2 tablet)
- Two sample cells
- Color disk for Fluoride
- Sample water



Add 10 mL sample water into 2 sample cells until upper line.

- ①: for sample (added Chemical)
- ②: for blank (only sample water)



Add one "No.1 tablet" into sample cell(①cell only).



Crash and mix "No.1 tablet" using the crash rod.



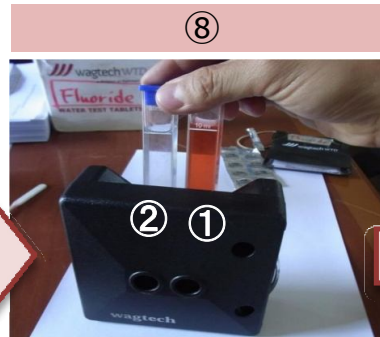
Add one "No.2 tablet" into sample cell(①cell only).  
And then, crash and mix.



Wait 5 minutes.

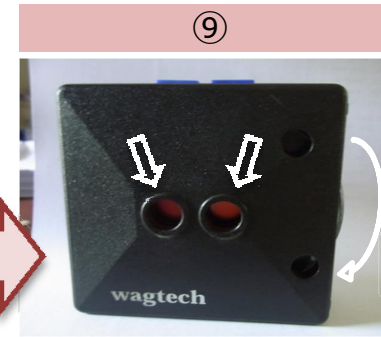


Set color disk for Fluoride into comparator.



Set sample cells(①&②) into comparator.

- Left: ②Blank
- Right: ①Sample with chemicals(two tablets)



Turn color disk, and see holes.  
Turn color disk until finding out same color(Right and Left).



Read number in hole.  
This is concentration of Fluoride [mg/L].  
If "0.5" is shown, result is 0.5 mg/L as Fluoride.