

How to use the **Nitrite** Hanna Meter

Step 1: **Press (tap)** the on/off button to turn of the checker



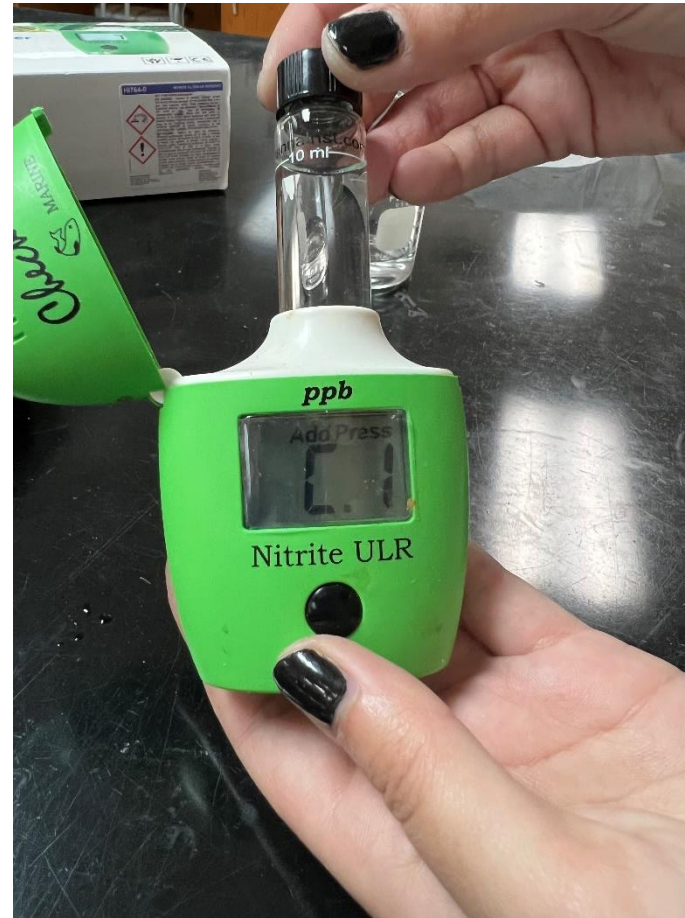
Step 2: Fill the cuvette with **10ml** of sample and replace the cap



Step 3: **Wipe off the cuvette.** Make sure there are no droplets on the outside of the cuvette



Step 4: Place the cuvette into the checker and close cap



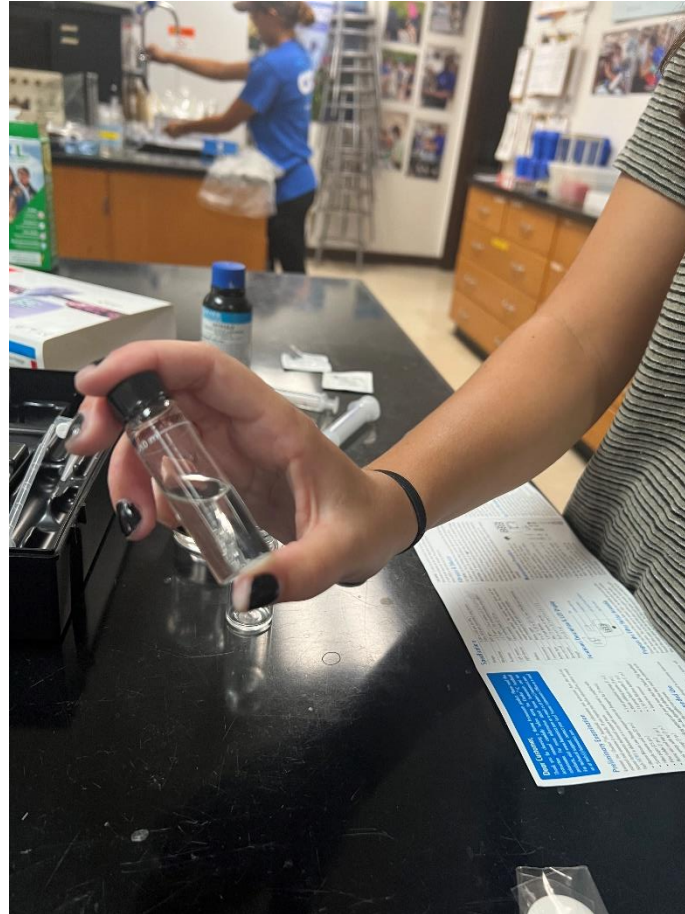
Step 5: Press the On/Off button. When the display shows “ADD”, C2”, with “Press” blinking, the checker is zero



Step 6: Remove the cuvette, unscrew the cap and add the content of one packet of **HI764-0 Nitrite** Ultra Low Range reagent



Step 7: Replace cap and **shake gently** for about 15 seconds



Step 8: Insert the cuvette back into the checker and close the cap



Step 9: **Press** and **HOLD** (for about 3 seconds) the on/off button. Release when the display shows a countdown. This countdown represents the checker reading the sample.

Nitrite nitrogen is a product of the oxidation of ammonia nitrogen. It is found in wastewater treatment plants and water distribution systems. While nitrite nitrogen is not as toxic as ammonia nitrogen, it is harmful to aquatic species.

Measured in mg/l

Percentile	Blackwater	Coastal	Estuary
10	0.05	0.00	0.00
20	0.05	0.00	0.00
30	0.05	0.00	0.00
40	0.05	0.00	0.01
50	0.05	0.00	0.01
60	0.05	0.00	0.01
70	0.05	0.00	0.02
80	0.05	0.01	0.02
90	0.05	0.01	0.02

Typical Values for Water Quality Parameters in the State of Florida

1mg/l = 1000ug/l = 1000ppb
A reading of 0.01mg/l or 10 ppb is a median reading in a Florida estuary.

