

## <Marine Organism Rearing Log>

9 AM, November 29, 2022

Weather: Sunny

Water temperature: 17.5°C

This is how we measure nitric acid concentration of the water in the rearing test tanks. In order to avoid mixture of the sample, dedicated equipments are used for each tank. Add reagent to the sample and let it react for designated time period, then measure chromogenic reaction. It is quite difficult to analysis work with latex gloves over cotton gloves.



Sample rearing water into a cuvette and add reagent to it.



Agitate to combine.



Leave the cuvette to stand for designated time period.  
(measuring equipments show time)



The samples show chromogenic reaction depending on its nitric acid concentration.  
(The measurement value is 35.9mg-NO<sub>3</sub>/L at this time)