

<Marine Organism Rearing Log>

9:00 AM, July 12, 2023

Weather: Sunny

Water temperature: 17.5°C

During the breeding tests, we are also analyzing tritium that is bound to muscle tissue (organic) molecules (organically bound tritium). As is the case when analyzing tritium in bodily fluids, during specimen preparation the specimens are freeze-dried and the water must be removed from the large volume of samples. That is why we use instruments that are capable of processing large quantities at one time.



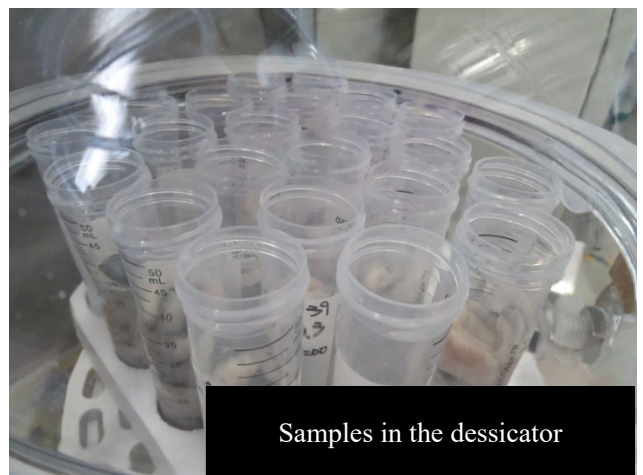
Entire freeze-drying apparatus



Device for removing water
(cooling trap tube)



Container (dessicator) for drying many samples
at once



Samples in the dessicator