

# Potassium Test Kit



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Thailand is the world number 1 producer and exporter of shrimp. Farmers can raise shrimp even in low salinity water. But raising shrimp this way, have high mortality rate. The problem is low salinity water has low potassium content. Therefore, potassium value must be measured regularly.



Our potassium test kit can measure potassium concentration directly by turbidimetric method. It was developed for the farmers to measure potassium level fast and easy.

## How to use

1. Use sample and water as specified.
2. Add test chemical, wait until solution is cloudy.
3. Determine the amount of potassium by looking at the black dots at the bottom of the turbidimetric tube and add cloudy solution until the dot disappears.
4. Compare with standard scale.



Detection range is 15-200 ppm and suitable alternative to costly and complex laboratory methods.

**About us:** In 1998, Thailand hit a large epidemic in shrimp farming. The outbreak caused by virus and poor water quality. Led by Dr. Nikom Chaisiri, Biochemistry Unit, Faculty of Veterinary Science, Chulalongkorn University, has researched and produced water test kits that is inexpensive but easy to use for Thai farmers.

Today we have produced 14 water quality test kits, as well as more than 10 items of research-supported products for human and animal health, and we continue to strive to develop new products