

Ammonia pH and Temperature

Measurement tools such as thermometers, ammonia kits and pH kits can give us important information about the water in aquariums.

These tools told us the following about a fish tank in which guppies were dying:



Measuring Temperature

The measured temperature in the tank was 78 degrees Fahrenheit.

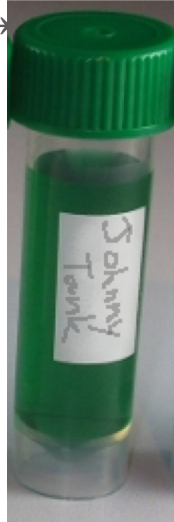
The recommended temperature range for guppies is between 74-82 degrees.

Ammonia Test Kit

The kit comes with some tubes that you fill with water and a special chemical.

The water changes color based on the amount of ammonia,

like this chart →



This is what was found.

Ammonia levels closer to 0 and definitely below 2 ppm are ideal for guppy health.



pH Test Kit

This kit also comes with some tubes that you fill with water and a special chemical. This measures the acidity of the water, called the pH level.

The water changes color based on the pH, like this chart →

This is what was found.



The ideal pH level for guppies is between 6.8-7.8

