

Edit by Naima 11 Oct 2023

Question

What can I do if the pH electrode dried out?

Reply:

For AZ's pH electrode, it is suggested to refill the storage buffer regularly to keep electrode moist, the storage buffer brings and keeps a constant ion activity in the sensing part that will assure fast response and accurate readings.

It is fine to use tap water as storage buffer temporary, or any pH probe storage buffer on market are also fine to use.

Distilled water is clean but not good to be storage buffer.

If you find pH electrode dried out, please try below 2 steps to see if it can bring it back:

1. Immerse pH electrode area into a beaker contains with warm water in around 60°C for 15 minutes to remove the dried out impurities



Warm water in around 60°C

2. Move the pH electrode into another beaker with 4M KCL warm solution, and wait until the temperature of 4M KCL solution back to normal room temperature.



4M KCL solution in around 60°C