

Aquaponics Lab

How to make pH electrode storage solution

Making a solution of potassium chloride of the correct strength for storage of pH electrodes

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INTRODUCTION

To measure out the correct quantities to make a solution of Potassium Chloride



TOOLS:

- Glass Container (1)



PARTS:

- Potassium Chloride (solid) (1)

Step 1 — How to make pH electrode storage solution



- You will need
- A container
- Potassium Chloride crystals
- kitchen scales
- Deionised Water
- kitchen measuring jug

Step 2



- measure out 250 ml deionized water
- Place the container on the scales and press the Tare button to give a zero reading
- Add solid Potassium Chloride to the container until the weight showing is 53g
- Add the water
- Stir for as long as it takes until (almost) all of the potassium Chloride has dissolved.
- Label your container

