

## Application Note

### Making 3M KCl Electrode Fill Solution

A 3M KCl filling solution can be easily prepared using Potassium Chloride in the crystalline form and deionized water. Please follow the steps carefully so you do not change the reference potential of your electrode.

- 1) Dry the Potassium Chloride carefully in an oven for 2-3 hours
- 2) Using an analytical balance, carefully weigh 22.368 grams of KCl.
- 3) Transfer the KCl to a 100 ml class A volumetric flask.
- 4) Fill the flask to the fill line and mix thoroughly.
- 5) Verify the volume of the solution after KCl is completely dissolved.
- 6) Transfer to original filling bottle for use in electrode.