

Conductivity Standards



EDT directION manufacture a range of conductivity calibration solutions to enable the successful and accurate calibration of our conductivity meters and electrodes.

The measurement of conductivity requires that the sample be aqueous and to be of adequate volume to cover the electrode surfaces. It is important that if the samples and standards are not of the same temperature then temperature compensation is required.

Conductivity increases approximately 2% per degree centigrade. Normally the conductivity calibration is carried out on one point. One useful check is that the conductivity in air should be zero as there is no conductive material between the electrodes.

EDT directION conductivity standards are Potassium Chloride solutions in either 100ml or 500ml sealed plastic bottles. For correct use the appropriate volume of standard should be poured into a clean beaker or container. Do not calibrate by placing the conductivity cell in the bottle as this will contaminate the solution. Following calibration remember to close the bottle to avoid evaporation or contamination and do not pour the used standard back into the bottle.

Product Variants

A3055 12.88mS/cm Standard 100ml

A3056 12.88mS/cm Standard 500ml

A3052 1413 μ S/cm Standard 100ml

A3053 1413 μ S/cm Standard 500ml

SALCON.STANDARD 0.1%NaCl Standard 500ml

Related Products



K=1 Glass Conductivity Cell



K=1 Polymer Conductivity Cell



QP481 Portable Conductivity Meter

www.edt.co.uk/product-category/conductivity-testing/conductivity-standards

