



## pH Buffer Solutions & Capsules

EDT direction produce a range of colour coded pH buffer solutions and capsules. These high quality buffers are compatible with all pH meters and electrodes and are traceable to European standards.

Buffer Solutions are required to calibrate the pH Meter/Electrode system.

In busy laboratories it is recommended that a calibration is performed at least once per day or preferably twice. A two point calibration is usually performed, either pH7 and pH4 buffer or pH7 and pH 10 depending on whether the sample is acidic or alkaline.

Buffer solutions should not be used as electrode storage solutions. Purpose made storage solutions are available for this purpose. Please visit [www.edt.co.uk](http://www.edt.co.uk).

EDT directIONs buffers are colour coded with a temperature vs pH table provided. Each bottled buffer comes in a graduated 500ml plastic bottle with an inner seal to ensure an air tight seal for longer lifetime.

Buffer capsules are ideal for infrequent use and offer the advantage of being colour coded for ease of identification with an extended shelf life. Buffer capsules are easy to store and transport and dissolve quickly to produce NIST traceable buffer solutions. Each capsule produces 100ml of buffer solution.

For accurate calibrations you should perform calibration frequently and with fresh buffer solutions.

Never pour used buffer back into the bottle and always discard after use. Use buffers that cover the pH range of the samples you are testing (i.e. directly above and below the expected value of your sample). To view a simple calibration or to get some pH basic theory and technical advice please visit our website.

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## PRODUCT VARIANTS

|       |                 |                        |
|-------|-----------------|------------------------|
| A3147 | Buffer Solution | pH 7.00 500ml (Yellow) |
| A3144 | Buffer Solution | pH 4.00 500ml (Red)    |
| A3140 | Buffer Solution | pH 10.00 500ml (Blue)  |
| A3097 | Buffer Capsules | pH 7.00 pack of 10     |
| A3018 | Buffer Capsules | pH 7.00 pack of 50     |
| A3096 | Buffer Capsules | pH 4.00 pack of 10     |
| A3007 | Buffer Capsules | pH 4.00 pack of 50     |
| A3099 | Buffer Capsules | pH 10.00 pack of 10    |
| A3094 | Buffer Capsules | pH 10.00 pack of 50    |

For more information on this product visit [www.edt.co.uk/pH-Testing/pH-buffer-solutions](http://www.edt.co.uk/pH-Testing/pH-buffer-solutions)

## Related Products

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QP451 Portable pH Meter



Saturated KCL with  
Ag/AgCl 100ml



Buffer Solution pH 7  
(Yellow) 500ml

## Stay in touch with EDT

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