



Practical Laboratory Skills Training Guides: Measurement of PH

By Elizabeth Prichard, Richard Lawn, Peter Bedson

Royal Society of Chemistry. Paperback. Book Condition: new. BRAND NEW, Practical Laboratory Skills Training Guides: Measurement of PH, Elizabeth Prichard, Richard Lawn, Peter Bedson, Whether pH is being used to test a sample against a legal requirement or specification; as part of an analytical method; for monitoring and controlling a reaction; as a process control in the chemical industry; or for the environmental monitoring of waste and effluents, it is important that all pH measurements are carried out in a logical and consistent manner, paying careful attention to experimental procedures, in order to obtain reliable results. This guide provides scientists with the knowledge of how to do just that, first by outlining the principles of pH measurement and buffer solutions. pH meters and electrodes are then discussed, including selection criteria and the care of electrodes. Finally, sections on making pH measurements and uncertainty are followed by a set of practical exercises. Measurement of pH is one of the Practical Laboratory Skills Training Guides, a series that aims to make achieving best practice easy. These invaluable manuals will enable both experienced and inexperienced staff to get the essential basics of any experiment right simply by following the clear and easy to...



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