Standard Methods for the Examination of Water and Wastewater - Part 4500-H+: PH Value (2012)

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Abbreviation
4500-H+: PH Value (2012)
Version
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Valid from
05/12/2012

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IHS Markit
Author
American Public Health Association, American Waterworks Association and Water Environment Federation
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Cited By
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Description

Part 4500-H^+ pH Value

Measurement of pH is one of the most important and frequently used tests in water chemistry.

Following an introductory discussion (A), one method is given for the measurement of pH. This electrometric method (B) is described in detail. A general discussion of the principle on which the method is based, and interferences encountered, is followed by a description of apparatus and procedure, including sections on troubleshooting and precision and bias. A table gives the weight of chemicals needed per 1000 mL aqueous solution at 25°C to prepare various pH standard solutions. A second table gives standard pH values at various temperatures, including primary and secondary standards.

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