

Department of Civil Engineering
2010 Summer Semester
Yoshimura Chihiro

Aquatic Environmental Science

Outline #03 (26 Apr. 2010)

1. Basic Analytical Chemistry 2
 - Precision and accuracy
 - Quantification of analytical errors
 - Calibration and validation
 - General procedure for determining solute concentrations
 2. Acidity of water
 - Definition of pH
 - pH in living systems
 - pH in natural waters
 - Calculation of pH
 - Polyprotic acids
 3. Exercise
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