# Chemical Equilibrium

#### Tasks

Pre-lab work:

- get safety information for the chemicals used in this laboratory class (MUST BE COMPLETED BEFORE YOUR LAB CLASS)
- read the introduction, experimental procedure etc for the class
- · complete the Moodle pre-lab quiz.

In the laboratory class you will:

- write a brief summary of what you need to do to improve your lab work, based on your demonstrator's feedback on your previous report.
- have your demonstrator check that you have written out the hazards of the chemicals used in this lab class (if you haven't done this, you won't be allowed to do the experiment).
- complete a worksheet about chemical equilibrium.
- · carry out the 'Chemical Equilibrium' experiment.
- complete and submit the report for this experiment.

#### Main learning outcomes

At the end of this lab class you should be able to:

- write chemical equations for the reactions of carbon dioxide with water.
- explain how equilibria are affected by changes in concentrations and temperature (Le Chatelier's principle).
- determine the sign of the enthalpy change for a reaction based on how the equilibrium constant changes with temperature.

# **Chem1011 Unsw Lab Manual**

**Robert W. Widing** 

<b>Chem1011</b>	Unsw La	ab Manual:
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In a digitally-driven world where displays reign supreme and immediate connection drowns out the subtleties of language, the profound secrets and mental nuances hidden within words usually get unheard. However, set within the pages of **Chem1011 Unsw Lab Manual** a charming fictional treasure blinking with fresh thoughts, lies a fantastic quest waiting to be undertaken. Published by an experienced wordsmith, this wonderful opus invites readers on an introspective trip, lightly unraveling the veiled truths and profound impact resonating within ab muscles cloth of every word. Within the emotional depths of this emotional evaluation, we will embark upon a genuine exploration of the book is core subjects, dissect their fascinating publishing style, and succumb to the effective resonance it evokes strong within the recesses of readers hearts.

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