

Chapter-2

Multiple equilibria involving malonic acid and aminopolycarboxylic acids with Cd(II) and Gd(III)

2.1. Introduction

2.2. Experimental and computational methods

2.3. Curves and tables

2.4. Results and discussion

2.5. References

Chapter-3

Multiple equilibria involving malonic acid and aminopolycarboxylic acids with $\text{UO}_2(\text{II})$ and $\text{VO}(\text{II})$

3.1. Introduction

3.2. Experimental and computational methods

3.3. Curves and tables

3.4. Results and discussion

3.5. References

Chapter-4

Multiple equilibria involving malonic acid and catecholamines with Cd(II) and Gd(III)

4.1. Introduction

4.2. Experimental and computational methods

4.3. Curves and tables

4.4. Results and discussion

4.5. References

Chapter-5

Multiple equilibria involving malonic acid and catecholamines with $\text{UO}_2(\text{II})$ and $\text{VO}(\text{II})$

5.1. Introduction

5.2. Experimental and computational methods

5.3. Curves and tables

5.4. Results and discussion

5.5. References

Chapter-6

Summary

Chapter-1

Introduction, brief review and theoretical treatment of multiple equilibria

- 1.1. Introduction
- 1.2. Brief review
- 1.3. Present work
- 1.4. Experimental
- 1.5. Theoretical treatment of various possible equilibria
- 1.6. Proton-ligand equilibria
- 1.7. Metal-ligand equilibria
- 1.8. Mixed ligand equilibria
- 1.9. Computations of equilibrium constants
- 1.10. Calculation of thermodynamic parameters
- 1.11. References