

## Contents

|  |      |
|--|------|
| Foreword.....  | V    |
| Preface and Introduction.....  | VII  |
| List of contributors.....  | XI   |
| Contents.....  | XIII |
| Important Information for Readers and Users of the CD-ROM.....                 | XV   |
| Glossary of Analytical Chemistry Terms (GAT).....                              | ■    |
| Fit for Purpose – A Customers View.....  | 17   |
| Accreditation – ISO/IEC 17025.....   | 29   |
| <b>ISO 9000:2000</b> Quality Management System.....                            | 53   |
| Accreditation or Certification for Laboratories?.....                          | 77   |
| Good Laboratory Practice.....  | 97   |
| Total Quality Management and Cost of Quality.....                              | 111  |
| Quality Manual.....  | 137  |
| Basic Statistics.....  | 153  |
| Calibration and Detection Limits.....  | 175  |
| Metrology in Chemistry and Traceability of Analytical Measurement Results..... | 189  |
| Validation of analytical methods.....  | 201  |
| Measurement Uncertainty.....   | 221  |
| Control Charts.....  | 229  |
| (Certified) Reference Materials.....   | 243  |
| Interlaboratory Tests.....   | 255  |
| Index.....   | 277  |