Record Nr. UNINA9910144143503321 Autore Prichard F. Elizabeth (Florence Elizabeth) Titolo Quality assurance in analytical chemistry [[electronic resource] /] / Elizabeth Prichard and Vicki Barwick Pubbl/distr/stampa Chichester: Hoboken, NJ.: John Wiley & Sons [Teddington, Middlesex], : VAM/LGC, c2007 **ISBN** 1-280-97410-9 9786610974108 0-470-51777-8 0-470-51776-X Descrizione fisica 1 online resource (317 p.) Collana Analytical techniques in the sciences Altri autori (Persone) **BarwickVicki** Disciplina 543.0685 543.19 Chemical laboratories - Quality control Soggetti Chemistry, Analytic - Quality control Chemistry, Analytic - Technique Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Monografia Livello bibliografico Note generali Description based upon print version of record. Nota di bibliografia Includes bibliographical references (p. [275]-276) and index. Nota di contenuto QUALITY ASSURANCE IN ANALYTICAL CHEMISTRY; Contents; Series Preface; Preface; Acknowledgements; Acronyms, Abbreviations and Symbols; About the Authors; 1 The Need for Reliable Results; 2 General Principles of Quality Assurance and Quality Control: 3 Sampling: 4 Preparing for Analysis; 5 Making Measurements; 6 Data Treatment; 7 Benchmarking Your Laboratory; 8 Documentation and its Management; 9 Managing Quality: Appendix: Two-Tailed Critical Values for Student t-Tests; Responses to Self-Assessment Questions; Bibliography; Glossary of Terms; SI Units and Physical Constants; Periodic Table Index Sommario/riassunto The issue of quality assurance in the analytical chemistry laboratory has become of great importance in recent years. Quality Assurance in Analytical Chemistry introduces the reader to the whole concept of quality assurance. It discusses how a