ISO 14595:2003-06 (E)

Microbeam analysis - Electron probe microanalysis - Guidelines for the specification of certified reference materials (CRMs)

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Terms and definitions 1

4 Preparation of the research material 2

5 Heterogeneity of material 2

6 Stability of the research material 8

7 Determination of the chemical composition of CRMs 9

8 CRM specimen preparation, packaging, transportation and storage 9

9 CRM certificate 10

Annex A (informative) Spreadsheet instructions for the statistical evaluation of heterogeneity data 11

Annex B (normative) Suggested Classification of CRMs for EPMA 14

Annex C (informative) Example of a certificate for EPMA CRMs 15

Bibliography 16