ISO 17867:2015-05 (E)

Particle size analysis - Small-angle X-ray scattering

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Symbols and abbreviations 1

4 Principle of the method 2

5 Apparatus and procedure 3

6 Preliminary procedures and instrument set-up 5

7 Sample preparation 5

8 Measurement procedure 6

9 Calculation of the mean particle diameter 7
9.1 General 7
9.2 Guinier approximation 8
9.3 Model fitting 8

10 Repeatability 9

11 Documentation and test report 9
11.1 Test report 9
11.2 Technical records 10

Annex A (informative) General principles 11

Annex B (informative) Working size range and resolution 20

Annex C (informative) System qualification 21

Bibliography 22