ISO 6587:2021-11 (E)

Paper, board and pulps - Determination of conductivity of aqueous extracts

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Terms and definitions 1

4 Principle 1

5 Reagents 2
- 5.1 Distilled or deionized water 2
- 5.2 Potassium chloride, standard solutions 2
  - 5.2.1 0,01 mol/l solution 2
  - 5.2.2 0,001 mol/l solution 2

6 Apparatus 2

7 Sampling and sample preparation 3
- 7.1 Sampling 3
- 7.2 Sample preparation 3
- 7.3 Determination of dry matter content 3

8 Procedure 3
- 8.1 Determination of cell constant 3
- 8.2 Preparation of the aqueous extract 4
  - 8.2.1 Weighing of sample 4
  - 8.2.2 Hot extraction method 4
  - 8.2.3 Cold extraction method 4
- 8.3 Determination of conductivity 4
- 8.4 Blank test 4

9 Calculation and expression of results 4
- 9.1 If the meter gives conductance 4
- 9.2 If the meter gives resistance 5
- 9.3 Expression of results 5

10 Test report 5

Bibliography 6