ISO 18123:2023-03 (E)

Solid biofuels - Determination of volatile matter

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Termsanddefinitions 1

4 Principle 1

5 Apparatus 1
5.1 Furnace 2
5.2 Thermocouples and temperature calibration 3
5.3 Crucible 3
5.4 Crucible stand 4
5.5 Balance 5
5.6 Desiccator and desiccant 6

6 Sample preparation 6
6.1 General 6
6.2 Sample size 6
6.3 Sample conditioning 6

7 Procedure 6
7.1 General 6
7.2 Conditioning of crucibles 6
7.3 Charging of crucibles 6
7.4 Volatilization of test portion 7

8 Calculation 7

9 Performance characteristics 7
9.1 Repeatability 7
9.2 Reproducibility 8

10 Test report 8

Bibliography 9