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Solid biofuels — Determination of the content of volatile matter

Biocombustibles solides — Méthode de détermination de la teneur en matières volatiles



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Contents

	Page
Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Principle	2
5 Apparatus	2
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.....	5
6 Sample preparation	5
6.1 Sample size.....	5
6.2 Sample conditioning.....	5
7 Procedure	6
7.1 Conditioning of crucibles.....	6
7.2 Charging of crucibles.....	6
7.3 Volatilization of test portion.....	6
8 Calculation	6
9 Performance characteristics	7
9.1 Repeatability.....	7
9.2 Reproducibility.....	7
10 Test report	7
Bibliography	8

Foreword

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The committee responsible for this document is ISO/TC 238, *Solid biofuels*.

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Introduction

The volatile matter content is determined as the loss in mass, less that due to moisture, when a solid biofuel is heated out of contact with air under standardised conditions. The test is empirical and, in order to ensure reproducible results, it is essential that the rate of heating, the final temperature, and the overall duration of the test are carefully controlled. It is also essential to exclude air from the solid biofuel during heating to prevent oxidation. The fit of the crucible lid is therefore critical. The moisture content of the general analysis sample is determined at the same time as the volatile matter so that the appropriate correction can be made.