

ISO 16994:2026-06 (E)

Solid biofuels and pyrogenic biocarbon - Determination of sulfur and chlorine content

Contents

Page

Foreword.....	iv
Introduction.....	v
1 Scope.....	1
2 Normative references.....	1
3 Terms and definitions.....	1
4 Principle.....	1
4.1 General.....	1
4.2 Decomposition of the biofuel.....	2
4.3 Determination of the analytes in the decomposition solution.....	2
4.4 Automatic equipment.....	2
5 Reagents.....	2
6 Apparatus.....	3
6.1 General.....	3
6.2 Method A.....	3
6.3 Method B.....	3
7 Preparation of the test sample.....	3
8 Procedure.....	4
8.1 Decomposition.....	4
8.1.1 Method A: Combustion in a closed combustion vessel.....	4
8.1.2 Method B: Digestion in a closed vessel.....	5
8.1.3 Blank test.....	5
8.2 Detection methods.....	6
8.2.1 Ion chromatography.....	6
8.2.2 Other detection methods.....	6
8.3 Calibration of the apparatus.....	6
8.4 Analyses of the decomposition solutions.....	6
9 Expression of results.....	6
9.1 General.....	6
9.2 Chlorine, fluorine and bromine.....	7
9.3 Sulfur.....	7
10 Performance characteristics.....	7
11 Test report.....	7
Annex A (informative) Performance data.....	8
Bibliography.....	10