ISO 11724:2004-11 (E)

Solid mineral fuels - Determination of total fluorine in coal, coke and fly ash

Contents

Page

Foreword iv

1 Scope 1

2 Normative references 1

3 Principle 1

4 Reagents 1

5 Apparatus 2

6 Sample 4
6.1 Coal and coke 4
6.2 Fly ash 5

7 Procedure 5
7.1 Number of determinations 5
7.2 Preparation of test sample 5
7.3 Blank tests 5
7.4 Pyrohydrolysis procedure 5
7.5 Solution measurement 6

8 Calculations 7
8.1 General 7
8.2 Direct-comparison ISE method 8
8.3 Analyte-addition ISE method 8
8.4 IC method 9

9 Expression of result 9

10 Precision 9
10.1 Repeatability limit 9
10.2 Reproducibility critical difference 10

11 Test report 10

Bibliography 11