ISO 625:2025-08 (E)

Coal and coke - Determination of carbon and hydrogen - Liebig method

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Terms and definitions 1

4 Principle 1

5 Reagents and materials 2

6 Apparatus 2

7 Preparation of the apparatus 7
7.1 Preparation of the combustion tube 7
7.2 Conditioning of the combustion tube 8
7.3 Conditioning of the absorption train 8

8 Preparation of test sample 9

9 Procedure 9

10 Blank test 9

11 Expression of results 10
11.1 Total carbon 10
11.2 Organic carbon 10
11.3 Total hydrogen 10
11.4 Total hydrogen mass fraction, less that present as moisture 11
11.5 Additional information 11

12 Precision 11
12.1 Repeatability limit 11
12.2 Reproducibility limit 11

13 Test report 11

Annex A (informative) Derivation of factors used in calculations 12

Bibliography 14