DIN ISO 14502-1:2007-11 (E)

Determination of substances characteristic of green an d black tea - Part 1: Content of total polyphenols in tea - Colorimetric method using Folin-Ciocalteu reagent (ISO 14502-1:2005 + Corrigendum 1:2006)

Contents

Page

National foreword 3

1 Scope 4

2 Normative references 4

3 Principle 4

4 Reagents 4

5 Apparatus 6

6 Sampling 6

7 Preparation of test samples 6

8 Procedure 7
8.1 General 7
8.2 Determination of dry matter content 7
8.3 Test portion 7
8.4 Extraction of polyphenols 7
8.5 Dilution 8
8.6 Determination 8

9 Calculation 8

10 Precision 9
10.1 Interlaboratory test 9
10.2 Repeatability 9
10.3 Reproducibility 9

11 Test report 10

Annex A (informative) Gallic acid calibration graph 11

Annex B (informative) Results of interlaboratory test 12

Bibliography 13