

ISO 14502-1:2005-03 (E)

Determination of substances characteristic of green and black tea - Part 1: Content of total polyphenols in tea - Colorimetric method using Folin-Ciocalteu reagent

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Principle	1
4	Reagents	1
5	Apparatus	3
6	Sampling	3
7	Preparation of test samples	3
8	Procedure	4
8.1	General	4
8.2	Determination of dry matter content	4
8.3	Test portion	4
8.4	Extraction of polyphenols	4
8.5	Dilution	5
8.6	Determination	5
9	Calculation	5
10	Precision	6
10.1	Interlaboratory test	6
10.2	Repeatability	6
10.3	Reproducibility	6
11	Test report	7
Annex A (informative) Gallic acid calibration graph		8
Annex B (informative) Results of interlaboratory test		9
Bibliography		10