ISO 19851:2025-02 (E)

Traditional Chinese medicine - Cinnamomum cassia branch

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Termsanddefinitions 1

4 Descriptions 2

5 Quality and safety requirements and recommendations 2
5.1 General requirements 2
5.2 Morphological features 2
5.3 Microscopic features 3
5.3.1 Transverse section 3
5.3.2 Powder 3
5.4 Thin-layer chromatogram identification 4
5.5 Moisture 4
5.6 Total ash 4
5.7 Ethanol-soluble extractives 4
5.8 Marker compounds 4
5.9 Heavy metals 4
5.10 Pesticide residues 5
5.11 Sulfur dioxide residues 5

6 Sampling 5

7 Test methods 5
7.1 Macroscopic identification 5
7.2 Determination of moisture 5
7.3 Determination of total ash 5
7.4 Determination of ethanol-extractives 5
7.5 Thin-layer chromatogram identification 5
7.6 Determination of marker compound (cinnamaldehyde) 5
7.7 Determination of heavy metals 5
7.8 Determination of pesticide residues 5
7.9 Determination of sulfur dioxide residues 5

8 Test report 6

9 Packaging, storage and transportation 6

10 Marking and labelling 6

Annex A (informative)Thin-layerchromatogramidentificationofCinnamomum cassia branch 7

Annex B (informative) Determination of cinnamaldehyde content 9

Annex C (informative) Reference information and method for differentiating Cinnamomum cassia and Cinnamomum burmanni branch 11

Annex D (informative) National and regional quality requirements for Cinnamomum cassia branch 13

Bibliography 15