

Contents

	Foreword
	Introduction
1	Scope
2	Normative references
3	Terms and definitions
4	Descriptions
5	Requirements
5.1	General characteristics
5.2	Macroscopic characteristics
5.3	Microscopic characteristics
5.3.1	Transverse section characteristics
5.3.2	Powder characteristics
5.4	Moisture
5.5	Total ash
5.6	Acid-insoluble ash
5.7	Thin-layer chromatogram identification
5.8	Marker compounds
5.9	Heavy metals
5.10	Pesticide residues
5.11	Sulfur dioxide residue
6	Sampling
7	Test methods
7.1	Macroscopic identification
7.2	Microscopic identification
7.2.1	Transverse section examination
7.2.2	Powder examination
7.3	Determination of moisture
7.4	Determination of total ash
7.5	Determination of acid-insoluble ash
7.6	TLC identification
7.7	Determination of marker compounds
7.8	Determination of heavy metals
7.9	Determination of pesticide residues
7.10	Determination of sulfur dioxide residue
8	Test report
9	Packaging, storage and transportation
10	Marking and labelling
Annex A	(informative) Microscopic identification
A.1	Transverse section examination
A.2	Powder examination
Annex B	(informative) TLC identification

- B.1 Preparation of test solution
- B.2 Preparation of reference solutions
- B.3 Preparation of developing solvent
- B.4 Preparation of chromogenic agent
- B.5 Identification by TLC

Annex C (informative) Determination of falcarinol

- C.1 Preparation of test solution
- C.2 Preparation of reference solution
- C.3 Chromatographic system
- C.4 Detection and content calculation

Annex D (informative) Referenced values of national and regional limits of moisture, total ash, acid-insoluble ash, falcarinol and heavy metals in Glehnia littoralis root

Page count: 14