ISO 23959:2021 (E)

Traditional Chinese medicine — Glehnia littoralis root

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