ISO 24976:2026-01 (E)

Traditional Chinese medicine - Pueraria lobata root

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Terms and definitions 1

4 Descriptions 1

5 Requirements 3

5.1 General characteristics 3
5.2 Macroscopic features 3
5.3 Microscopic feature 3
5.4 Thin-layer chromatography (TLC) features 3
5.5 Characteristic fingerprint 3
5.6 Marker compounds 3
5.7 Ethanol-soluble extractive 4
5.8 Total ash 4
5.9 Acid-insoluble ash 4
5.10 Moisture 4
5.11 Foreign matter 4
5.12 Heavy metals 4
5.13 Pesticide residues 4
5.14 Sulfur dioxide 4
5.15 Aflatoxins 4

6 Sampling 4

7 Test methods 4

7.1 Identification of macroscopic features 4
7.2 Identification of microscopic features 4
7.3 Identification of thin-layer chromatogram 4
7.4 Determination of characteristic fingerprint 5
7.5 Determination of marker compounds 5
7.6 Determination of ethanol-soluble extractive 5
7.7 Determination of total ash 5
7.8 Determination of acid-insoluble ash 5
7.9 Determination of moisture 5
7.10 Determination of foreign matter 5
7.11 Determination of heavy metals 5
7.12 Determination of pesticide residues 5
7.13 Determination of sulfur dioxide 5
7.14 Determination of aflatoxin 5

8 Test report 5

9 Marking and labelling 6

10 Packaging, storage and transportation 6

Annex A (informative) **Identification of thin-layer chromatogram** 7

Annex B (informative) **Determination of characteristic fingerprint of *Pueraria lobata* root** 9

Annex C (informative) **Determination of puerarin** 13

Annex D (informative) **Reference of national and regional requirements** 15

Annex E (informative) **Traditional classification of *Pueraria lobata* root for commercial trade** 17

Bibliography 18