ISO 25115:2026-03 (E)

Traditional Chinese medicine - Cultivated Cistanche deserticola stem

Contents

Page

Foreword ... iv

Introduction ... v

1 Scope ... 1

2 Normative references ... 1

3 Terms and definitions ... 1

4 Descriptions ... 1

5 Requirements and recommendations ... 2

5.1 General characteristics ... 2

5.2 Macroscopic characteristics ... 3

5.2.1 Appearance ... 3

5.2.2 Sensory identification ... 3

5.3 Moisture ... 3

5.4 Total ash ... 3

5.5 Thin-layer chromatography identification ... 3

5.6 Dilute ethanol-soluble extractives ... 3

5.7 Marker compounds ... 3

5.8 Heavy metals ... 3

5.9 Pesticide residues ... 3

6 Sampling ... 3

7 Test methods ... 3

7.1 Macroscopic examination ... 3

7.2 Determination of moisture content ... 4

7.3 Determination of total ash ... 4

7.4 Determination of dilute ethanol-solution extractives content ... 4

7.5 Thin-layer chromatography (TLC) identification ... 4

7.6 Determination of maker compound content ... 4

7.7 Determination of heavy metals contents ... 4

7.8 Determination of pesticide residues contents ... 4

8 Test report ... 4

9 Packaging, storage and transportation ... 4

10 Marking and labelling ... 5

Annex A (informative) **Determination of dilute ethanol-solution extractives** ... 6

Annex B (informative) **Thin layer chromatography (TLC) identification** ... 7

Annex C (informative) **Determination of echinacoside and verbascoside content** ... 9

Annex D (informative) **Referenced information of national and regional requirements on *Cistanche deserticola* stem** ... 12

Annex E (informative) **Reference information and methods for differentiating *Cistanche deserticola*, *Cistanche tubulosa* and *Cistanche salsa* stem** ... 13

Annex F (informative) **Reference information of *Cistanche tubulosa* stem** ... 14

Bibliography ... 15