ISO 20759:2017-12 (E)

Traditional Chinese medicine - Artemisia argyi leaf

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Termsanddefinitions 1

4 Description 2

5 Requirements 3
5.1 General characteristics 3
5.2 Macroscopic characteristics 3
5.3 Microscopic characteristics 3
5.4 Thin layer chromatogram 4
5.5 Volatile oil and 1,8-cineole (C10H18O) content 4
5.6 Total flavonoids content 5
5.7 Dilute ethanol-soluble extract 5
5.8 Moisture content 5
5.9 Total ash 5
5.10 Acid-insoluble ash 5

6 Sampling 5

7 Test methods 5
7.1 Macroscopic identification 5
7.2 Microscopic identification 5
7.3 Thin-layer chromatographic identification 6
7.4 Determinations of volatile oil content and 1,8-cineole(C10H18O) content 6
7.5 Determination of total flavonoids content 6
7.6 Determination of dilute ethanol-soluble extract 6
7.7 Determination of moisture content 6
7.8 Determination of total ash 6
7.9 Determination of acid-insoluble ash 6

8 Test report 6

9 Packaging, storage and transportation 7

10 Marking and labelling 7

Annex A (normative)ThinlayerchromatographicidentificationofArtemisia argyi leaf 8

Annex B (normative) Determination of volatile oil and 1,8-cineole contents in Artemisia argyi leaf ... 10

Annex C (normative)DeterminationoftotalflavonoidscontentinArtemisia argyi leaf 12

Annex D (informative) Limit values of 1,8-cineole, dilute ethanol-soluble extract, moisture, total ash and acid-insoluble ash of mugwort leaf (Artemisia argyi leaf) in Pharmacopoeias of the different countries and regions 13

Annex E (informative) Habitat,cultivation, harvesting and processing of Artemisia argyi Lévl. et Vant 14

Bibliography 15