

ISO 20759:2023-12 (E)

Traditional Chinese medicine - *Artemisia argyi* leaf

Contents	Page
Foreword.....	iv
Introduction.....	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Description	2
5 Requirements and recommendations	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 (C ₁₀ H ₁₈ O) content.....	5
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.....	6
7.3 Thin-layer chromatographic identification.....	6
7.4 Determinations of volatile oil content and 1,8-cineole(C ₁₀ H ₁₈ O) 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) Thin layer chromatographic identification of <i>Artemisia argyi</i> leaf	8
Annex B (normative) Determination of volatile oil and 1,8-cineole contents in <i>Artemisia argyi</i> leaf	10
Annex C (normative) Determination of total flavonoids content in <i>Artemisia argyi</i> 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 (<i>Artemisia argyi</i> leaf) in pharmacopoeias of different countries and regions	13
Annex E (informative) Habitat, cultivation, harvesting and processing of <i>Artemisia argyi</i> Lévl. et Vant	14
Bibliography	15