

Contents

	Foreword
	Introduction
1	Scope
2	Normative references
3	Terms and definitions
4	Descriptions
5	Requirements
5.1	General characteristics
5.2	<i>Salvia miltiorrhiza</i> root and rhizome
5.2.1	Morphological features of root and rhizome
5.2.2	Thin-layer chromatogram (TLC) identification
5.2.3	Moisture
5.2.4	Total ash
5.2.5	Acid insoluble ash limit
5.2.6	Extractives
5.2.6.1	Water-soluble extractives
5.2.6.2	Ethanol-soluble extractives
5.2.7	Content of tanshinones
5.2.8	Content of salvianolic acid B
5.2.9	Heavy metals
5.2.10	Pesticide residues
6	Sampling
7	Test methods
7.1	Macroscopic identification
7.2	TLC identification
7.3	Determination of moisture content
7.4	Determination of total ash
7.5	Determination of acid-insoluble ash
7.6	Determination of extractives
7.7	Determination of tanshinones
7.8	Determination of salvianolic acid B
7.9	Determination of heavy metals
7.10	Determination of pesticide residues
8	Test report
9	Packaging, storage and transportation
10	Marking and labelling
Annex A	(informative) TLC identification
A.1	Preparation of test solution
A.2	Preparation of reference solutions
A.3	Developing solvent system
A.4	Identification by TLC

Annex B (informative) Determination of extractives

- B.1 Determination of water-soluble extractives**
- B.2 Determination of ethanol-soluble extractives**

Annex C (informative) Determination of tanshinones

- C.1 Principle of the test method**
- C.2 Preparation of test solution**
- C.3 Preparation of reference standard solution**
- C.4 Chromatographic system and HPLC assay**
- C.5 Content calculation of tanshinones**

Annex D (informative) Determination of salvianolic acid B

- D.1 Preparation of test solution**
- D.2 Preparation of reference standard solution**
- D.3 Chromatographic system and HPLC assay**
- D.4 Content calculation of salvianolic acid B**

Annex E (informative) Information on requirements of *Salvia miltiorrhiza* root and rhizome in different countries and regions

Page count: 16