ISO 13615:2024-07 (E)

Traditional Chinese medicine - Atractylodes macrocephala rhizome

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Termsanddefinitions 1

4 Descriptions 2

5 Quality and safety requirements and recommendations 3
5.1 General characteristics 3
5.2 Morphological features 3
5.2.1 Atractylodes macrocephala rhizome 3
5.2.2 Decoction pieces 3
5.3 Identification 3
5.3.1 Thin-layer chromatography (TLC) identification 3
5.3.2 High performance liquid chromatography (HPLC) identification 3
5.4 Moisture 3
5.5 Total ash 4
5.6 Sulfur dioxide residues 4
5.7 Ethanol-soluble extractives 4
5.8 Essential oil 4
5.9 Heavy metals 4
5.10 Pesticide residues 4

6 Sampling 4

7 Test methods 4
7.1 Macroscopic identification 4
7.2 Thin-layer chromatography (TLC) identification 4
7.3 High performance liquid chromatography (HPLC) identification 4
7.4 Determination of moisture content 4
7.5 Determination of total ash content 4
7.6 Determination of sulfur dioxide residues content 4
7.7 Determination of ethanol-soluble extractives content 5
7.8 Determination of essential oil content 5
7.9 Determination of heavy metals content 5
7.10 Determination of pesticide residues content 5

8 Test report 5

9 Packaging, storage and transportation 5

10 Marking and labelling 5

Annex A (informative)Thin-layerchromatography(TLC)identification 6

Annex B (informative)Highperformanceliquidchromatography(HPLC)identification 8

Annex C (informative) Reference values of national and regional limits 11

Bibliography 12