

ISO 9109:2024-01 (E)

Traditional Chinese medicine - *Rehmannia glutinosa* root

Contents		Page
Foreword		iv
Introduction		v
1 Scope		1
2 Normative references		1
3 Terms and definitions		1
4 Description		2
5 Requirements		2
5.1 General characteristics.....		2
5.2 Morphological characteristics.....		3
5.3 Microscopic characteristics.....		3
5.4 Moisture.....		3
5.5 Total ash.....		3
5.6 Acid-insoluble ash.....		4
5.7 Water-soluble extractives.....		4
5.8 Thin-layer chromatogram (TLC) identification.....		4
5.9 Content of marker compounds.....		4
5.10 Heavy metals.....		4
5.11 Pesticide residues.....		4
5.12 Sulfur dioxide residues.....		4
5.13 Grading.....		4
6 Sampling		4
7 Test methods		4
7.1 Macroscopic identification.....		4
7.2 Determination of moisture.....		4
7.3 Determination of total ash.....		4
7.4 Determination of acid-insoluble ash.....		5
7.5 Determination of water-soluble extractives.....		5
7.6 Thin-layer chromatogram (TLC) identification.....		5
7.7 Determination of marker compounds.....		5
7.8 Determination of heavy metals.....		5
7.9 Determination of pesticide residues.....		5
7.10 Determination of sulfur dioxideresidues.....		5
8 Test report		5
9 Packaging, storage and transportation		5
10 Marking and labelling		6
Annex A (informative) Identification of catalpol		7
Annex B (informative) Identification of verbascoside		9
Annex C (informative) Determination of catalpol content		11
Annex D (informative) Determination of rehmannioside D content		14
Annex E (informative) Example of traditional grading of <i>Rehmannia glutinosa</i> root		17
Annex F (informative) National and regional requirements for <i>Rehmannia glutinosa</i> root		18
Bibliography		20