

ISO 19836:2025-07 (E)

Traditional Chinese medicine - *Platycodon grandiflorus* root

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Description	1
5	Quality and safety requirements and recommendations	2
5.1	General characteristics	2
5.2	Morphological features	2
5.2.1	Appearance	2
5.2.2	Colour	3
5.2.3	Dimensions	3
5.2.4	Fracture	3
5.3	Microscopic characteristics	3
5.3.1	Transverse section	3
5.3.2	Powder	4
5.4	Thin-layer chromatogram (TLC) identification	5
5.5	Moisture	5
5.6	Total ash	5
5.7	Acid-insoluble ash	5
5.8	Dilute ethanol-soluble extract	5
5.9	Marker compound(s)	6
5.10	Heavy metals	6
5.11	Pesticide residues	6
5.12	Sulfur dioxide	6
6	Sampling	6
7	Test methods	6
7.1	Macroscopic identification	6
7.2	Thin-layer chromatogram (TLC) identification	6
7.3	Microscopic identification	6
7.4	Determination of moisture	6
7.5	Determination of total ash	6
7.6	Determination of acid-insoluble ash	6
7.7	Determination of dilute ethanol-soluble extractives	6
7.8	Determination of platycodin D	6
7.9	Determination of heavy metals	7
7.10	Determination of pesticide residues	7
7.11	Determination of sulfur dioxide	7
8	Test report	7
9	Packaging, storage and transportation	7
10	Marking and labelling	7
Annex A (informative)	Thin-layer chromatogram (TLC) identification	8
Annex B (informative)	Determination of dilute ethanol-soluble extractives	10
Annex C (informative)	Determination of platycodin D content	11
Annex D (informative)	National and regional requirements for <i>Platycodon grandiflorus</i> root	13
Bibliography		15