

ISO 22988:2020-01 (E)

Traditional Chinese medicine - Astragalus mongholicus root

Contents	Page
Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Descriptions	2
5 Requirements	3
5.1 Morphological features	3
5.2 Moisture	4
5.3 Total ash	4
5.4 Water-soluble extractives	4
5.5 Thin-layer chromatogram identification	4
5.6 Total polysaccharides	4
5.7 Marker compounds	4
5.8 Heavy metals	4
5.9 Pesticide residues	4
5.10 Grade	4
6 Sampling	5
7 Test methods	6
7.1 Macroscopic identification	6
7.2 Determination of moisture content	6
7.3 Determination of total ash content	6
7.4 Determination of water-soluble extractives content	6
7.5 Thin-layer chromatogram identification	6
7.6 Determination of total polysaccharides content	6
7.7 Determination of marker compound content	6
7.8 Determination of heavy metals content	6
7.9 Determination of pesticide residues content	6
7.10 Root diameter	7
7.11 Root length	7
8 Test report	7
9 Packaging, storage and transportation	7
10 Marking and labelling	7
Annex A (informative) Determination of moisture content	8
Annex B (informative) Determination of water-soluble extractives content	9
Annex C (informative) Thin-layer chromatogram identification	10
Annex D (informative) Determination of total polysaccharides content	12

Annex E (informative) Determination of marker compound content	13
Annex F (informative) Reference information of national and regional requirements on Astragalus root	16
Bibliography	19