

ISO 23965:2022-03 (E)

Traditional Chinese medicine - *Bupleurum chinense*, *Bupleurum scorzonerifolium* and *Bupleurum falcatum* root

Contents	Page
Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Description	2
5 Requirements	4
5.1 General characteristics	4
5.2 Macroscopic characteristics	4
5.2.1 <i>Bupleurum chinense</i>	4
5.2.2 <i>Bupleurum scorzonerifolium</i>	4
5.2.3 <i>Bupleurum falcatum</i>	4
5.3 Moisture	4
5.4 Total ash	4
5.5 Acid-insoluble ash	4
5.6 Thin-layer chromatogram (TLC) identification	5
5.7 Toxic adulterants of <i>Bupleurum longiradiatum</i> root	5
5.8 Ethanol-soluble extractives	5
5.9 Content of marker compounds	5
5.10 Heavy metals	5
5.11 Pesticide residues	5
5.12 Sulfur dioxide residues	5
6 Sampling	5
7 Test methods	5
7.1 Macroscopic identification	5
7.2 Determination of moisture content	5
7.3 Determination of total ash and acid-insoluble ash content	5
7.4 Determination of ethanol-soluble extractives content	5
7.5 Thin-layer chromatogram (TLC) identification	6
7.6 Identification of the toxic adulterants of <i>Bupleurum longiradiatum</i> root	6
7.7 Determination of marker compound(s)	6
7.8 Determination of heavy metals	6
7.9 Determination of pesticide residues	6
7.10 Determination of sulfur dioxide residues	6
8 Test report	6
9 Packaging, storage and transportation	6
10 Marking and labelling	7
Annex A (informative) Determination of moisture content	8

Annex B (informative) Determination of total ash and acid-insoluble ash content	9
Annex C (informative) Determination of ethanol-soluble extractives content	10
Annex D (informative)Thin-layerchromatogram(TLC)identification	11
Annex E (informative)Identificationofthetoxicadulterantsof<i>Bupleurum longiradiatum</i> root	13
Annex F (informative) Determination of marker compounds	16
Annex G (informative) National and regional requirements for <i>Bupleurum chinense</i>, <i>Bupleurum scorzonerifolium</i> and <i>Bupleurum falcatum</i> root	19