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Introduction

This draft standard is based on national and international discussions. Your comments on this draft are invited and will assist in the preparation of the consequent standard.

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UK Vote

Please indicate whether you consider the UK should submit a negative (with supporting technical reasons) or positive vote on this draft. Please indicate if you are aware of any reason why this draft standard should not be published as a British Standard.

Submission of Comments

- **Annotated drafts are not acceptable and will be rejected.**
- All comments should be submitted online at <https://standardsdevelopment.bsigroup.com/>. You will need to register in order to comment.

Template for comments and secretariat observations

Date: xx/xx/20xx	Document: ISO/DIS xxxx
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1	2	(3)	4	5	(6)	7
MB	Clause No./ Subclause No./Annex (e.g. 3.1)	Paragraph/ Figure/Table/Note	Type of comment	Comment (justification for change) by the MB	Proposed change by the MB	Secretariat observations on each comment submitted
	3.1	Definition 1	ed	Definition is ambiguous and needs clarifying.	Amend to read '...so that the mains connector to which no connection...'	
	6.4	Paragraph 2	te	The use of the UV photometer as an alternative cannot be supported as serious problems have been encountered in its use in the UK.	Delete reference to UV photometer.	



DRAFT International Standard

ISO/DIS 21317

Traditional Chinese medicine — *Lonicera japonica* flower

ICS: 11.120.10

ISO/TC 249/SC 1

Secretariat: **SAC**

Voting begins on:
2025-11-20

Voting terminates on:
2026-02-12

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 249/SC 1, *Traditional Chinese medicine*.

This second edition cancels and replaces the first edition (ISO 21317:2019) which has been technically revised.

The main changes are as follows:

- in Introduction, the Pinyin name (Jinyinhua) of *Lonicera japonica* flower has been added;
- the normative references have been updated;
- in [Clause 5](#), 5.9 and 5.10 have been combined as 5.9;
- in [Clause 7](#), 7.8 and 7.9 have been combined as 7.8;
- in [Annex D](#), the content has been updated, and the information of *Lonicera japonica* flower recorded in the European Pharmacopoeia has been added;
- in Annex, a new informative annex ([Annex E](#)) has been added;
- in Bibliography, the order and content have been updated.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Introduction

Lonicera japonica flower, also known as Jinyinhua, is the dried flower bud or flower starting to bloom of *Lonicera japonica* Thunb., which is recorded in the Chinese, Korean, United States and European Pharmacopeias [\[1\]\[2\]\[3\]\[4\]](#), and Hong Kong Chinese Materia Medica Standards [\[5\]](#). *Lonicera japonica* flower is internationally recognized as a traditional Chinese herbal medicine, and there is great demand for it in the international market. However, there are many problems seriously affecting the international trade of *Lonicera japonica* flower, including the following.

- a) Quality requirements for *Lonicera japonica* flower are different among different countries and regions.
- b) *Lonicera japonica* flower is often substituted with fake and inferior versions, such as *Lonicera macranthoides*, *Lonicera hypoglauca*, *Lonicera confusa*, and *Lonicera fulvotomentosa* flower (also known as Shanyinhua).
- c) Different collecting times, processing methods, packaging, transportation and storage conditions often result in different qualities of *Lonicera japonica* flower.

Therefore, the establishment of an international standard for *Lonicera japonica* flower is necessary to guarantee the quality, safety and consistency of this valuable herbal medicine. This document includes sections on morphology evaluation, physicochemical indexes and heavy metals content.

As national implementation may differ, National Standards Bodies are invited to modify the values given in [5.4](#), [5.5](#), [5.6](#) and [5.7](#) in their national standards. Examples of national and regional values are given in [Annex D](#).

Lonicera macranthoides, *Lonicera hypoglauca*, *Lonicera confusa*, and *Lonicera fulvotomentosa* flower is different from *Lonicera japonica* flower, and the differences are mainly focused on the description, identification and the determination of marker compounds which are detailed given in [Annex E](#) for *Lonicera macranthoides*, *Lonicera hypoglauca*, *Lonicera confusa*, and *Lonicera fulvotomentosa* flower.

Traditional Chinese medicine — *Lonicera japonica* flower

1 Scope

This document specifies minimum requirements and test methods for *Lonicera japonica* flower, which is derived from the plant *Lonicera japonica* Thunb. It is applicable to *Lonicera japonica* flower that is sold and used as traditional Chinese medicine.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 1575, *Tea — Determination of total ash*

ISO 1577, *Tea — Determination of acid-insoluble ash*

ISO 1666, *Starch — Determination of moisture content — Oven-drying method*

ISO 18664, *Traditional Chinese Medicine — Determination of heavy metals in herbal medicines used in Traditional Chinese Medicine*

ISO 21310, *Traditional Chinese medicine — Microscopic examination of medicinal herbs*

ISO 21371, *Traditional Chinese medicine — Labelling requirements of products intended for oral or topical use*

ISO 22217, *Traditional Chinese medicine — Storage requirements for raw materials and decoction pieces*

ISO 23723, *Traditional Chinese medicine — General requirements for herbal raw material and materia medica*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <https://www.iso.org/obp>
- IEC Electropedia: available at <http://www.electropedia.org/>

3.1

***Lonicera japonica* flower**

dried flower bud or flower starting to bloom of *Lonicera japonica* Thunb.

3.2

chlorogenic acid content

mass fraction of chlorogenic acid in the sample

3.3

luteoloside content

mass fraction of luteoloside in the sample