

TECHNICAL SPECIFICATION

ISO/TS 3632-1

First edition
2003-11-15

Saffron (*Crocus sativus* L.) —

Part 1: Specification

Safran (Crocus sativus L.) —

Partie 1: Spécifications



Reference number
ISO/TS 3632-1:2003(E)

© ISO 2003

ISO/TS 3632-1:2003(E)

PDF disclaimer

This PDF file may contain embedded typefaces. In accordance with Adobe's licensing policy, this file may be printed or viewed but shall not be edited unless the typefaces which are embedded are licensed to and installed on the computer performing the editing. In downloading this file, parties accept therein the responsibility of not infringing Adobe's licensing policy. The ISO Central Secretariat accepts no liability in this area.

Adobe is a trademark of Adobe Systems Incorporated.

Details of the software products used to create this PDF file can be found in the General Info relative to the file; the PDF-creation parameters were optimized for printing. Every care has been taken to ensure that the file is suitable for use by ISO member bodies. In the unlikely event that a problem relating to it is found, please inform the Central Secretariat at the address given below.

© ISO 2003

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

Published in Switzerland

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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

In other circumstances, particularly when there is an urgent market requirement for such documents, a technical committee may decide to publish other types of normative document:

- an ISO Publicly Available Specification (ISO/PAS) represents an agreement between technical experts in an ISO working group and is accepted for publication if it is approved by more than 50 % of the members of the parent committee casting a vote;
- an ISO Technical Specification (ISO/TS) represents an agreement between the members of a technical committee and is accepted for publication if it is approved by 2/3 of the members of the committee casting a vote.

An ISO/PAS or ISO/TS is reviewed after three years in order to decide whether it will be confirmed for a further three years, revised to become an International Standard, or withdrawn. If the ISO/PAS or ISO/TS is confirmed, it is reviewed again after a further three years, at which time it must either be transformed into an International Standard or be withdrawn.

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.

ISO/TS 3632-1 was prepared by Technical Committee ISO/TC 34, *Food products*, Subcommittee SC 7, *Spices and condiments*.

This first edition of ISO/TS 3632-1 cancels and replaces ISO 3632-1:1993, which has been technically revised.

ISO/TS 3632 consists of the following parts, under the general title *Saffron (Crocus sativus L.)*:

- *Part 1: Specification*
- *Part 2: Test methods*

Saffron (*Crocus sativus* L.) —

Part 1: Specification

1 Scope

This part of ISO/TS 3632 sets the specifications for saffron obtained from *Crocus sativus* L. flowers.

It is applicable to saffron in both of the following forms:

- whole and cut filaments as a loose, supple, elastic and hygroscopic mass of filaments;
- powder.

NOTE Test methods for saffron are given in ISO/TS 3632-2.

2 Normative references

The following referenced documents are indispensable for the application 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 928:1997, *Spices and condiments — Determination of total ash*

ISO 930:1997, *Spices and condiments — Determination of acid-insoluble ash*

ISO 941:1980, *Spices and condiments — Determination of cold water-soluble extract*

ISO 948, *Spices and condiments — Sampling*

ISO/TS 3632-2:2003, *Saffron (Crocus sativus L.) — Part 2: Test methods*

3 Terms and definitions

For the purposes of this document, the following terms and definitions given in ISO/TS 3632-2 apply.

3.1

saffron in filaments

stigmata made up of the aerial part (20 mm to 40 mm long) of the dried pistil of the flower of *Crocus sativus* L.

cf. Figures 1 to 4.

NOTE 1 Stigmata are dark red in colour and trumpet shaped, serrated or indented at the distal end.

NOTE 2 These stigmata can be separated or joined in groups of two or three at the tip of a yellow-white style portion.

ISO/TS 3632-1:2003(E)

- 3.2
saffron in cut filaments**
dried stigmata of *Crocus sativus* L. with styles removed and completely detached from each other
- 3.3
saffron in powder form**
saffron obtained by crushing whole and cut dried filaments of *Crocus sativus* L.
- NOTE The particle size can vary on agreement with the purchaser.
- 3.4
stamen**
yellow male reproductive organ of the *Crocus sativus* L. flowers
- 3.5
style**
part of the pistil below the stigma and above the ovary
- cf. Figure 4.
- 3.6
floral waste**
petals, separated styles, stamen, pollen and ovary parts of the *Crocus sativus* L. flowers
- cf. Figure 5.
- 3.7
foreign matter**
leaves, stems, straw and other vegetable matter belonging to *Crocus sativus* L., together with only sand, earth and dust as mineral matter