INTERNATIONAL STANDARD

ISO 11024-1

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Essential oils — General guidance on chromatographic profiles —

Part 1:

Preparation of chromatographic profiles for presentation in standards

Huiles essentielles — Directives générales concernant les profils chromatographiques —

Partie 1: Élaboration des profils chromatographiques pour la présentation dans les normes



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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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 3.

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

International Standard ISO 11024-1 was prepared by Technical Committee ISO/TC 54, Essenial oils.

International Standard ISO 11024 consists of the following parts, under the general title *Essential cils* — *General guidance on chromatographic profiles*:

- Part 1: Preparation of promatographic profiles for presentation in standards
- Part 2: Utilization of chromator aphic profiles of samples of essential oils

Annexes A and B of this part of ISO 11024 are for information only.

Inis document is a preview denetated by EUS

Essential oils — General guidance on chromatographic profiles —

Part 1:

Preparation of chromatographic profiles for presentation in standards

1 Scope

This part of ISO 11024 describes general guidelines on the determination of the chromatographic profile of an essential oil by gas chromatography on a capillary column.

The chromatographic profile is one of the specifications which enables assessment of the quality of an essential oil in the same way as the physico-chemical characteristics. It is determined at the time of finalizing the standard on the essential oil.

It is not a determination of the true concentration of the components, it is only an evaluation of its relative proportions.

NOTE Refer also to ISO 11024-21) for use of chromatographic profiles of samples of essential oils.

2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this part of ISO 11024. For dated references, subsequent amendments to cr revisions of, any of these publications do not apply. However, parties to agreements based on this part of ISO 11024 are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. For undated references, the latest edition of the normative document referred to applies. Wembers of ISO and IEC maintain registers of currently valid International Standards.

ISO 356, Essential oils — Preparation of test samples.

ISO 7609, Essential oils — Analysis by gas chromatography on capillary columns — General method.

3 Terms and definitions

For the purposes of this part of ISO 11024 the following terms and definitions apply.

1) ISO 11024-2, Essential oils — General guidance on chromatographic profiles — Part 2: Utilization of chromatographic profiles of samples of essential oils.