
INTERNATIONAL STANDARD



3045

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION · МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ · ORGANISATION INTERNATIONALE DE NORMALISATION

Oil of bay

Huile essentielle de bay

First edition — 1974-03-01

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[ISO 3045:1974](#)

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UDC 668.526.73.004.1

Ref. No. ISO 3045-1974 (E)

Descriptors : essential oils, bay, specifications, materials specifications.

FOREWORD

ISO (the International Organization for Standardization) is a worldwide federation of national standards institutes (ISO Member Bodies). The work of developing International Standards is carried out through ISO Technical Committees. Every Member Body interested in a subject for which a Technical Committee has been set up 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.

Draft International Standards adopted by the Technical Committees are circulated to the Member Bodies for approval before their acceptance as International Standards by the ISO Council.

International Standard ISO 3045 was drawn up by Technical Committee ISO/TC 54, *Essential oils*, and circulated to the Member Bodies in January 1973.

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It has been approved by the Member Bodies of the following countries :

Australia
Belgium
Bulgaria
Czechoslovakia
Egypt, Arab Rep. of
France

Italy
Japan
Netherlands
New Zealand
Portugal
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Spain

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United Kingdom

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No Member Body expressed disapproval of the document.

Oil of bay

1 SCOPE AND FIELD OF APPLICATION

This International Standard specifies certain characteristics of oil of bay, with a view to facilitating the assessment of its quality.

2 REFERENCES

ISO/R 210, *Essential oils – Packing.*

ISO/R 211, *Essential oils – Labelling and marking containers.*

ISO/R 212, *Essential oils – Sampling.*

ISO/R 279, *Determination of the density and relative density of essential oils.*

ISO/R 280, *Determination of the refractive index of essential oils.*

ISO 1272, *Estimation of phenols content of essential oils.*¹⁾

3 DEFINITION

oil of bay : The product obtained by steam distillation of the leaves of *Pimenta racemosa* (P. Miller) J.W. Moore.

4 REQUIREMENTS

4.1 Appearance

Clear, mobile liquid.

4.2 Colour

Dark brown.

4.3 Odour

Characteristic resembling eugenol.

4.4 Relative density at 20/20 °C

Minimum : 0,943

Maximum : 0,984

4.5 Refractive index at 20 °C

Minimum : 1,505 0

Maximum : 1,517 0

4.6 Phenols content

Minimum : 50 % (V/V).

5 SAMPLING

See ISO/R 212.

Minimum volume of final sample : 50 ml.

6 METHODS OF TEST

6.1 Relative density at 20/20 °C

See ISO/R 279.

6.2 Refractive index at 20 °C

See ISO/R 280.

6.3 Phenols content

See ISO 1272.

7 PACKING, LABELLING AND MARKING

See ISO/R 210 and ISO/R 211.

1) At present at the stage of draft.

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