

**BUREAU OF INDIAN STANDARDS**  
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*Draft Indian Standard*

**OIL OF CLOVE STEMS [SYZYGIIUM AROMATICUM (L.) MERR. ET PERRY, SYN.  
EUGENIA CARYOPHYLLUS (SPRENGEL) BULLOCK ET S. HARRISON]**

(ICS 71.100.60)

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Fragrance and Flavour Sectional Committee,  
PCD 18

Last date for comments:  
**05 March 2024**

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NATIONAL FOREWORD

*(Formal clauses will be added later)*

This standard is identical adoption of ISO 3143: 1997 ‘Oil of clove stems [Syzygium aromaticum (L.) Merr. et Perry, syn. Eugenia caryophyllus (Sprengel) Bullock et S. Harrison]’ under dual numbering.

The text of ISO Standard has been approved as suitable for publication as an Indian Standard without deviations. Certain conventions are, however, not identical to those used in Indian Standards. Attention is particularly drawn to the following:

- a) Wherever the words ‘International Standard’ appear referring to this standard, they should be read as ‘Indian Standard’.
- b) Comma (,) has been used as a decimal marker while in Indian Standards, the current practice is to use a point (.) as the decimal marker.

In this adopted standard, reference appears to certain International Standards for which Indian Standards also exist. The corresponding Indian Standards, which are to be substituted in their respective places, are listed below along with their degree of equivalence for the editions indicated:

| <i>International Standard</i>   | <i>Corresponding Indian Standard</i>  | <i>Degree of Equivalence</i> |
|---|---|------------------------------|
| ISO 210, Essential oils — General rules for packaging, conditioning and storage | IS 326 (Part 28): 2017, Methods of sampling and test for natural and synthetic perfumery material Part 28 General rules for packaging, conditioning and storage | Not Equivalent               |

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| ISO 211, Essential oils — General rules for labelling and marking of containers  | IS 326 (Part 27): 2018, Methods of sampling and test for natural and synthetic perfumery material Part 27 General rules for labelling and marking of containers  | Not Equivalent                    |
| ISO 212:1973, Essential oils — Sampling  | IS 326 (Part 1): 2022, Methods of sampling and test for natural and synthetic perfumery materials Part 1 Sampling ( <i>fourth revision</i> )   | Not Equivalent                    |
| ISO 279:1981, Essential oils — Determination of relative density at 20 degrees C — Reference method  | IS 326 (Part 3) :2006/ISO 279:1998, Methods of sampling and test for natural and synthetic perfumery materials Part 3 Determination of relative density ( <i>third revision</i> )  | Identical with ISO 279:1998       |
| ISO 280:1976, Essential oils — Determination of refractive index   | IS 326 (Part 5) :2006/ISO 280:1998, Methods of sampling and test for natural and synthetic perfumery materials Part 5 Determination of refractive index ( <i>third revision</i> )  | Identical with ISO 280:1998       |
| ISO 592:1981, Essential oils — Determination of optical rotation   | IS 326 (Part 4): 2005 / ISO 592:1998, Methods of sampling and test for natural and synthetic perfumery materials Part 4 Determination of optical rotation ( <i>third revision</i> )  | Identical with ISO 592 : 1998     |
| ISO 1272:1973, Essential oils — Determination of phenols content   | IS 326 (Part 12): 2005 / ISO 1272:2000, Methods of sampling and test for natural and synthetic perfumery materials Part 12 Determination of phenols ( <i>third revision</i> )  | Identical with ISO 1272 : 2000    |
| ISO 11024-1, Essential oils — General guidance on chromatographic profiles — Part 1: Preparation of chromatographic profiles for presentation in standards | IS 326 (Part 29/Sec 1): 2018 / ISO 11024-1 : 1998, Methods of sampling and test for natural and synthetic perfumery materials Part 29 General guidance on chromatographic profiles Section 1 Preparation of chromatographic profiles for presentation in standards | Identical with ISO 11024-1 : 1998 |
| ISO 11024-2, Essential oils — General guidance on chromatographic profiles —   | IS 326 (Part 29/Sec 2): 2018 / ISO 11024-2: 1998, Methods of   | Identical with ISO 11024-2 : 1998 |

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| Part 2: Utilization of chromatographic profiles of a sample of essential oils | sampling and test for natural and synthetic perfumery material<br>Part 29 General guidance on chromatographic profiles Section 2 Utilization of chromatographic profiles of samples natural and synthetic perfumery material |  |
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For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated expressing the result of a test or analysis, shall be rounded off in accordance with IS 2: 2022 ‘Rules for rounding off numerical values (*second revision*)’. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

**NOTE** — The technical content of this document has not been enclosed as this is identical with the ISO Standard. For details, please refer to ISO 3143: 1997 or kindly contact:

**Smt. Meenal Passi**  
**Sc – F & Head (PCD)**  
Petroleum & Coal related products Department (PCD)  
Bureau of Indian Standards  
9, B.S. Zafar Marg,  
New Delhi-110002  
Email: pcd@bis.gov.in  
Telephone: 011-23235432