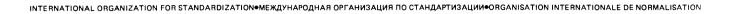
INTERNATIONAL STANDARD



Oil of patchouli

Huile essentielle de patchouli

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ISO 3757:1978 https://standards.iteh.ai/catalog/standards/sist/e5d45287-739e-492d-a183-801310199637/iso-3757-1978

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Descriptors : essential oils, patchouli, materials specifications.

Ref. No. ISO 3757-1978 (E)

3757

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 3757 was developed by Technical Committee VIE W ISO/TC 54, *Essential oils*, and was circulated to the member bodies in August 1977.

(standards.iteh.ai) It has been approved by the member bodies of the following countries :

Canada Chile	India https://standards.ite ireland	ISO 3757:1978 South Africa, Rep. of chailand sisters d45287-739e-492d-a183-
Egypt, Arab Rep. of	Italy	801310199637/iso-3757-1978
France	Netherlands	U.S.S.R.
Germany	Portugal	

The member body of the following country expressed disapproval of the document on technical grounds :

Austria

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Oil of patchouli

1 SCOPE AND FIELD OF APPLICATION	4.3 Odour	
This International Standard specifies certain characteristics of oil of patchouli, with a view to facilitating the assess-	Characteristic, leafy, slightly camphoraceous.	
ment of its quality.	4.4 Relative density at 20/20 $^{\circ}$ C	
	Minimum : 0,955	
2 REFERENCES	Maximum : 0,983	
ISO/R 210, Essential oils — Packing.	4.5 Refractive index at 20 °C	
ISO/R 211, Essential oils – Labelling and marking con- tainers.	Minimum : 1,505 0	
ISO 212, Essential oils – Sampling h STANDARD	Maximum : 1,5120	
ISO/R 279, Determination of the density and relative density of essential oils.	4.6 Optical rotation at 20 °C	
ISO 280, Essential oils – Determination of refractive index, 57-197	Range -66° to -40° (exceptionally, to -32°).	
ISO 592, Essential oils – Determination of optical rotation rds/sist 4.7 (4 Miscibility with 90 % (V/V) ethanol, at 20 °C		
ISO 709, Essential oils – Determination of ester value. 1)	757-1978 The miscibility with 90 % (V/V) ethanol at 20 °C shall	
ISO 875, Essential oils — Evaluation of miscibility with ethanol. ²⁾	be 1 volume in 10 volumes to give a clear solution.4.8 Acid value	
ISO 1242, Essential oils – Determination of acid value.	Maximum : 4,0	
3 DEFINITION	4.9 Ester value	
oil of patchouli : The oil obtained by steam distillation of the dried and non-fermented leaves of <i>Pogostemon cablin</i> (Blanco) Bentham of Malaysia, Indonesia, China, Brazil,	Maximum : 10	
Africa and U.S.S.R.	5 SAMPLING	
	See ISO 212.	
4 REQUIREMENTS	Minimum volume of final sample : 20 ml.	
4.1 Appearance		
Liquid, more or less viscous.	6 METHODS OF TEST	
4.2 Colour	6.1 Relative density at 20/20 $^{\circ}$ C	
Reddish-brown to greenish-brown.	See ISO/R 279.	

¹⁾ At present at the stage of draft. (Revision of ISO/R 709.)

²⁾ At present at the stage of draft. (Revision of ISO/R 875.)

6.2 Refractive index at 20 °C

See ISO 280.

6.3 Optical rotation at 20 °C See ISO 592.

6.4 Miscibility with 90 % (V/V) ethanol at 20 °C See ISO 875.

6.5 Acid valueSee ISO 1242.6.6 Ester valueSee ISO 709.

7 PACKING, LABELLING AND MARKING See ISO/R 210 and ISO/R 211.

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