

BUREAU OF INDIAN STANDARDS

DRAFT FOR COMMENTS ONLY

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**IS 15068: 2001 इलायची (छोटी) का तेल (एलेटेरिया कार्डामम
माटन) – विशिष्टि
मे
मसौदा संशोधन संख्या 1**

Draft AMENDMENT NO.1

TO

**IS 15068: 2001 OIL OF CARDAMOM (*Elettaria cardamomum*
Maton) — SPECIFICATION**

(ICS 71.100.60)

Fragrance and Flavour Sectional Committee,
PCD 18

Last date for sharing the comments is
18 November 2024

(Page 2, Table 1) — Substitute the following Table for the existing:

Table 1 Requirements for Oil of Cardamom
(Clauses 4.3 and 7.1)

Sl No.	Characteristics	Requirements	Method of Test, Ref to IS
(1)	(2)	(3)	(4)
i)	Colour and appearance	Almost colorless to yellow, liquid	326 (Part2)
ii)	Odour	Characteristic, spicy and camphorous	2284
iii)	¹⁾ Relative density at 27°C	0.9150 - 0.9360	326 (part 3)
iv)	Optical rotation at 27°C	+23° to 33°	326 (Part4)
v)	¹⁾ Refractive Index at 27°C	1.4550 – 1.4660	326 (Part 5)
vi)	Acid value, <i>Max</i>	7.0	326 (Part 7)
vii)	Ester value	92-150	326 (Part 8)
viii)	1,8 Cineole content, percent by mass	25.0 to 37.0	326 (Part 13)

¹⁾ The correction factor for relative density [see IS 326 (part 3)] and refractive index [see IS 326 (part 5)] for each degree celsius change in temperature is 0.00064 and 0.00038 respectively.

(Page 2, Table 2) — Substitute the following Table for the existing:

Table 2 Chromatographic Profile
(Clauses 4.3, 4.4 and 7.1)

Components	Minimum	Maximum
(1)	(2)	(3)
Sabinene	1.5	6.0
1,8 Cineole	26.0	41.0
Linalool	0.5	3.0
Linalyl acetate	0.5	4.0
Alpha-terpinyl acetate	38.0	55.0

(PCD 18)