

Standard Specifications for PERILLA OIL, RAW OR REFINED¹



A.S.T.M. Designation: D 125 - 48

ADOPTED, 1923; REVISED, 1941, 1947, 1948.²

This Standard of the American Society for Testing Materials is issued under the fixed designation D 125; the final number indicates the year of original adoption as standard or, in the case of revision, the year of last revision.

Scope

1. These specifications cover raw or refined perilla oil.

Properties

2. Perilla oil, raw or refined, shall conform to the following requirements:

Specific gravity, 15.5/15.5 C., min. . . .	0.932
Acid number, max.	5.0
Saponification number, min.	190
Unsaponifiable matter, max., per cent. .	1.5
Iodine number (Wijs), min.	196
Loss on heating at 105 to 110 C., max., per cent.	0.3

¹ Under the standardization procedure of the Society, these specifications are under the jurisdiction of the A.S.T.M. Committee D-1 on Paint, Varnish, Lacquer, and Related Products.

² Prior to adoption as standard, these specifications were published as tentative from 1922 to 1923.

Appearance clear and transparent at 65 C.

Color not darker than a freshly prepared solution of 1.0 g. of $K_2Cr_2O_7$ in 100 ml. of pure H_2SO_4 (sp. gr. 1.84), or its equivalent in iron-cobalt solution or in Lovibond glasses.

Foots, max., per cent. 2.5

Methods of Testing

3. The properties enumerated in these specifications shall be determined in accordance with the Standard Methods of Testing Drying Oils (A.S.T.M. Designation: D 555) of the American Society for Testing Materials.³

³ Appears in this publication, see Contents in Numeric Sequence of A.S.T.M. Designations at front of book.