

AMERICAN SOCIETY FOR TESTING MATERIALS

PHILADELPHIA, PA., U. S. A.

AFFILIATED WITH THE

INTERNATIONAL ASSOCIATION FOR TESTING MATERIALS.

STANDARD SPECIFICATIONS

FOR

PURITY OF RAW LINSEED OIL FROM NORTH AMERICAN SEED.

Serial Designation: D 1-15.

The specifications for this material are issued under the fixed designation D 1; the final number indicates the year of original issue, or in the case of revision, the year of last revision.

ADOPTED, 1913; REVISED, 1915.

I. PROPERTIES AND TESTS.

1. Raw linseed oil from North American seed shall conform Properties.
to the following requirements:

| | MAXIMUM. | MINIMUM. |
|--|----------|----------|
| Specific Gravity at $\frac{15^{\circ}.5}{15^{\circ}.5}$ C..... | 0.936 | 0.932 |
| or | | |
| Specific Gravity at $\frac{25^{\circ}}{25^{\circ}}$ C..... | 0.931 | 0.927 |
| Acid Number..... | 6.00 | |
| Saponification Number..... | 195 | 189 |
| Unsaponifiable matter, per cent..... | 1.50 | |
| Refractive Index at 25° C..... | 1.4805 | 1.4790 |
| Iodine Number (Hanus)..... | | 180 |

II. METHODS OF TESTING.

2. The recommended methods of testing are as follows:

General.—All tests are to be made on oil which has been Methods of
Testing.
filtered at a temperature of between 60 and 80° F. through