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## Standard Specification for Fractionated and Distilled Cottonseed Fatty Acids<sup>1</sup>

This standard is issued under the fixed designation D 1843; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reapproval. A superscript epsilon ( $\epsilon$ ) indicates an editorial change since the last revision or reapproval.

### 1. Scope

1.1 This specification covers distilled acids derived from cottonseed oil. Three types are covered as follows:

1.1.1 *Type I*—Highly fractionated fatty acids usually produced from recovered cottonseed oil.

1.1.2 *Type II*—Fractionated fatty acids usually produced from recovered cottonseed oil.

1.1.3 *Type III*—Usually produced from recovered cottonseed oil.

### 2. Referenced Documents

2.1 *ASTM Standards:*

D 1467 Guide for Testing Fatty Acids Used in Protective Coatings<sup>2</sup>

D 1544 Test Method for Color of Transparent Liquids

(Gardner Color Scale)<sup>3</sup>

D 1959 Test Method for Iodine Value of Drying Oils and Fatty Acids<sup>2</sup>

D 1962 Test Method for Saponification Value of Drying Oils, Fatty Acids, and Polymerized Fatty Acids<sup>2</sup>

D 1965 Test Method for Unsaponifiable Matter in Drying Oils, Fatty Acids, and Polymerized Fatty Acids<sup>2</sup>

D 1980 Test Method for Acid Value of Fatty Acids and Polymerized Fatty Acids<sup>2</sup>

D 1982 Test Method for Titer of Fatty Acids<sup>2</sup>

### 3. Properties

3.1 Fractionated and distilled cottonseed fatty acids shall conform to the requirements in [Table 1](#).

### 4. Test Methods

4.1 The properties enumerated in this specification shall be determined in accordance with Methods [D 1467](#).

### 5. Keywords

5.1 cottonseed oil; fatty acids

<sup>1</sup> This specification is under the jurisdiction of ASTM Committee D-1 on Paint and Related Coatings, Materials, and Applications and is the direct responsibility of Subcommittee D01.32 on Drying Oils.

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<sup>2</sup> *Annual Book of ASTM Standards*, Vol 06.03.

<sup>3</sup> *Annual Book of ASTM Standards*, Vol 06.01.