

U.S. PHARMACOPEIA

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Hard Fat

» Hard Fat is a mixture of glycerides of saturated fatty acids.

Packaging and storage— Preserve in tight containers at a temperature that is 5° or more below the melting range stated in the labeling.

Labeling— The labeling includes the nominal melting temperature, which is between 27° and 44°.

Melting range, Class II [〈 741 〉](#): the melting temperature does not differ by more than 2° from the nominal value given under [Labeling](#).

Acid value [〈 401 〉](#): not more than 1.0.

Hydroxyl value [〈 401 〉](#): not more than 70.

Iodine value [〈 401 〉](#): not more than 7.0.

Saponification value [〈 401 〉](#): between 215 and 255.

Unsaponifiable matter [〈 401 〉](#): not more than 3.0%.

Alkaline impurities— Dissolve 2.0 g in a mixture of 1.5 mL of alcohol and 3.0 mL of ether. Add 0.05 mL of [bromophenol blue TS](#), and titrate with 0.01 N hydrochloric acid to a yellow endpoint: not more than 0.15 mL of 0.01 N hydrochloric acid is required.

Residue on ignition [〈 281 〉](#): not more than 0.05%.

Residual solvents [〈 467 〉](#): meets the requirements.

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