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# Fluphenazine Enanthate Injection

» Fluphenazine Enanthate Injection is a sterile solution of Fluphenazine Enanthate in a suitable vegetable oil. It contains not less than 90.0 percent and not more than 110.0 percent of the labeled amount of fluphenazine enanthate ( $C_{29}H_{38}F_3N_3O_2S$ ).

**Packaging and storage**—Preserve in single-dose or multiple-dose containers, preferably of Type I or Type III glass, protected from light. [NOTE—Throughout the following procedures, protect test or assay specimens, the USP Reference Standard, and solutions containing them, by conducting the procedures without delay, under subdued light, or using low-actinic glassware.]

**Identification**—To a volume of Injection, equivalent to about 50 mg of fluphenazine enanthate, add 2 mL of methanol and 3 mL of palladium chloride solution (1 in 1000): a rust-red color is produced. Add an excess of the palladium chloride solution: the color is intensified to a brownish red.

**Other requirements**—It meets the requirements under [Injections and Implanted Drug Products \(1\)](#).

**Assay**—Dissolve an accurately measured volume of Injection, equivalent to about 150 mg of fluphenazine enanthate, in 75 mL of glacial acetic acid, add 1 drop of crystal violet TS, and titrate with 0.1 N perchloric acid VS to a blue-green endpoint. Perform a blank determination, and make any necessary correction. Each mL of 0.1 N perchloric acid is equivalent to 27.49 mg of fluphenazine enanthate ( $C_{29}H_{38}F_3N_3O_2S$ ).

Auxiliary Information - Please [check for your question in the FAQs](#) before contacting USP.

Topic/Question	Contact	Expert Committee
FLUPHENAZINE ENANTHATE INJECTION	<a href="#">Documentary Standards Support</a>	SM42020 Small Molecules 4

Chromatographic Database Information: [Chromatographic Database](#)

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