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Hydrocortisone Acetate Ointment

» Hydrocortisone Acetate Ointment is Hydrocortisone Acetate in a suitable ointment base. It contains not less than 90.0 percent and not more than 110.0 percent of the labeled amount of $C_{23}H_{32}O_6$.

Packaging and storage—Preserve in well-closed containers.

USP REFERENCE STANDARDS (11).—
[USP Hydrocortisone Acetate RS](#)

Identification—Transfer a quantity of Ointment, equivalent to about 5 mg of hydrocortisone acetate, to a flask, add 5 mL of methanol, and heat on a steam bath for 5 minutes with frequent mixing. Cool to solidify the ointment base, and filter. Using the filtrate as the test solution, proceed as directed under [Thin-layer Chromatographic Identification Test](#) (201). Locate the spots by spraying the dried plate with a 70% methanolic sulfuric acid solution. Heat the plate for 20 to 30 minutes at 90°, allow to cool, and view under long-wavelength UV light: the R_f value and fluorescence of the principal spot obtained from the test solution correspond to those obtained from the Standard solution.

MICROBIAL ENUMERATION TESTS (61) and **TESTS FOR SPECIFIED MICROORGANISMS** (62).—It meets the requirements of the tests for absence of *Staphylococcus aureus* and *Pseudomonas aeruginosa*.

MINIMUM FILL (755): meets the requirements.

Assay—Proceed with Ointment as directed in the Assay under *Hydrocortisone Acetate Lotion*.

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

Topic/Question	Contact	Expert Committee
HYDROCORTISONE ACETATE OINTMENT	Documentary Standards Support	SM52020 Small Molecules 5
REFERENCE STANDARD SUPPORT	RS Technical Services RSTECH@usp.org	SM52020 Small Molecules 5

Chromatographic Database Information: [Chromatographic Database](#)

Most Recently Appeared In:
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