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Neomycin and Polymyxin B Sulfates, Bacitracin, and Hydrocortisone Acetate Ointment

» Neomycin and Polymyxin B Sulfates, Bacitracin, and Hydrocortisone Acetate Ointment contains the equivalent of not less than 90.0 percent and not more than 130.0 percent of the labeled amounts of neomycin, polymyxin B, and bacitracin, and not less than 90.0 percent and not more than 110.0 percent of the labeled amount of hydrocortisone acetate in a suitable ointment base.

Packaging and storage—Preserve in collapsible tubes or in well-closed containers.

USP REFERENCE STANDARDS (11)—

- [USP Bacitracin Zinc RS](#)
- [USP Hydrocortisone Acetate RS](#)
- [USP Neomycin Sulfate RS](#)
- [USP Polymyxin B Sulfate RS](#)

Identification—

- A:** It meets the requirements under [Thin-Layer Chromatographic Identification Test \(201BNP\)](#).
- B:** The retention time of the major peak for hydrocortisone acetate in the chromatogram of the *Assay preparation* corresponds to that in the chromatogram of the *Standard preparation*, as obtained in the *Assay for hydrocortisone acetate*.

MINIMUM FILL (755): meets the requirements.

WATER DETERMINATION, Method I (921): not more than 0.5%, 20 mL of a mixture of toluene and methanol (7:3) being used in place of methanol in the titration vessel.

Assay for neomycin and Assay for polymyxin B—Proceed with Ointment as directed in the *Assay for neomycin* and in the *Assay for polymyxin B* under [Neomycin and Polymyxin B Sulfates and Bacitracin Zinc Ophthalmic Ointment](#).

Assay for bacitracin—Proceed with Ointment as directed in the *Assay* under [Bacitracin Ointment](#).

Assay for hydrocortisone acetate—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
NEOMYCIN AND POLYMYXIN B SULFATES, BACITRACIN, AND HYDROCORTISONE ACETATE OINTMENT	Julie Zhang Associate Science & Standards Liaison	BIO42020 Biologics Monographs 4 - Antibiotics
REFERENCE STANDARD SUPPORT	RS Technical Services RSTECH@usp.org	BIO42020 Biologics Monographs 4 - Antibiotics

Chromatographic Database Information: [Chromatographic Database](#)

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