

Status: Currently Official on 16-Feb-2025

Official Date: Official Prior to 2013

Document Type: USP Monographs

DocId: GUID-FF7410E2-F0AC-4E26-B457-5DFACD63FADE\_1\_en-US

DOI: [https://doi.org/10.31003/USPNF\\_M56285\\_01\\_01](https://doi.org/10.31003/USPNF_M56285_01_01)

DOI Ref: n1wq9

© 2025 USPC

Do not distribute

# Neomycin and Polymyxin B Sulfates and Hydrocortisone Acetate Cream

» Neomycin and Polymyxin B Sulfates and Hydrocortisone Acetate Cream contains the equivalent of not less than 90.0 percent and not more than 130.0 percent of the labeled amounts of neomycin and polymyxin B, and not less than 90.0 percent and not more than 110.0 percent of the labeled amount of hydrocortisone acetate ( $C_{23}H_{32}O_6$ ).

**Packaging and storage**—Preserve in well-closed containers.

**USP REFERENCE STANDARDS (11)**—

[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.

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

**Assay for hydrocortisone acetate**—Proceed with Cream 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 AND HYDROCORTISONE ACETATE CREAM	<a href="#">Julie Zhang</a> Associate Science & Standards Liaison	BIO42020 Biologics Monographs 4 - Antibiotics
REFERENCE STANDARD SUPPORT	RS Technical Services <a href="mailto:RSTECH@usp.org">RSTECH@usp.org</a>	BIO42020 Biologics Monographs 4 - Antibiotics

**Chromatographic Database Information:** [Chromatographic Database](#)

**Most Recently Appeared In:**

Pharmacopeial Forum: Volume No. PF 30(2)

**Current DocID: GUID-FF7410E2-F0AC-4E26-B457-5DFACD63FADE\_1\_en-US**

**DOI:** [https://doi.org/10.31003/USPNF\\_M56285\\_01\\_01](https://doi.org/10.31003/USPNF_M56285_01_01)

**DOI ref:** [n1wq9](#)