

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
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 | 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](#)

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

DOI ref: [n1wq9](#)