

Status: Currently Official on 16-Feb-2025
Official Date: Official Prior to 2013
Document Type: USP Monographs
DocId: GUID-97D2530F-6CE8-4916-AD6B-1EE14067B6C9_1_en-US
DOI: https://doi.org/10.31003/USPNF_M56080_01_01
DOI Ref: 9s949

© 2025 USPC
Do not distribute

Neomycin and Polymyxin B Sulfates Ophthalmic Solution

» Neomycin and Polymyxin B Sulfates Ophthalmic Solution 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. It may contain one or more suitable buffers, dispersants, irrigants, and preservatives.

Packaging and storage—Preserve in tight containers, and avoid exposure to excessive heat.

USP REFERENCE STANDARDS (11)—

[USP Neomycin Sulfate RS](#)
[USP Polymyxin B Sulfate RS](#)

THIN-LAYER CHROMATOGRAPHIC IDENTIFICATION TEST (201BNP): meets the requirements.

STERILITY TESTS (71). —It meets the requirements when tested as directed for *Membrane Filtration* under *Test for Sterility of the Product to be Examined*.

pH (791): between 5.0 and 7.0.

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

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

Topic/Question	Contact	Expert Committee
NEOMYCIN AND POLYMYXIN B SULFATES OPHTHALMIC SOLUTION	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 28(4)

Current DocID: GUID-97D2530F-6CE8-4916-AD6B-1EE14067B6C9_1_en-US

DOI: https://doi.org/10.31003/USPNF_M56080_01_01

DOI ref: [9s949](#)