

Status: Currently Official on 16-Feb-2025
Official Date: Official Prior to 2013
Document Type: USP Monographs
DocId: GUID-E3E278B1-4DEC-4A13-8D93-E6D662FD8F05_1_en-US
DOI: https://doi.org/10.31003/USPNF_M55875_01_01
DOI Ref: lf06l

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Neomycin Sulfate Oral Solution

» Neomycin Sulfate Oral Solution contains the equivalent of not less than 90.0 percent and not more than 125.0 percent of the labeled amount of neomycin. It may contain one or more suitable colors, flavors, and preservatives.

Packaging and storage—Preserve in tight, light-resistant containers, preferably at controlled room temperature.

USP REFERENCE STANDARDS (11).—
[USP Neomycin Sulfate RS](#)

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

UNIFORMITY OF DOSAGE UNITS (905).—

FOR ORAL SOLUTION PACKAGED IN SINGLE-UNIT CONTAINERS: meets the requirements.

DELIVERABLE VOLUME (698).—

FOR ORAL SOLUTION PACKAGED IN MULTIPLE-UNIT CONTAINERS: meets the requirements.

pH (791): between 5.0 and 7.5.

Assay—Proceed as directed under [Antibiotics—Microbial Assays \(81\)](#), using an accurately measured volume of Oral Solution quantitatively diluted with *Buffer B.3* to yield a solution having a convenient concentration of neomycin. Quantitatively dilute this stock solution with *Buffer B.3* to obtain a *Test Dilution* having a concentration assumed to be equal to the median dose level of the Standard.

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

Topic/Question	Contact	Expert Committee
NEOMYCIN SULFATE ORAL SOLUTION	Kishan Chandra Senior Scientist I, Documentary Standards	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(1)

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