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Paromomycin Sulfate Capsules

» Paromomycin Sulfate Capsules contain the equivalent of not less than 90.0 percent and not more than 125.0 percent of the labeled amount of paromomycin ($C_{23}H_{45}N_5O_{14}$).

Packaging and storage—Preserve in tight containers.

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

Identification—Mix the contents of 1 Capsule with water to obtain a solution containing the equivalent of about 20 mg of paromomycin per mL. This test solution responds to the [Identification](#) test under [Paromomycin Sulfate](#).

DISINTEGRATION (701): 15 minutes, the use of disks being omitted.

UNIFORMITY OF DOSAGE UNITS (905): meet the requirements.

LOSS ON DRYING (731).—Dry about 100 mg in a capillary-stoppered bottle in vacuum at 60° for 3 hours: it loses not more than 7.0% of its weight.

Assay—Proceed with Capsules as directed under [Antibiotics—Microbial Assays](#) (81), blending not less than 5 Capsules for 5 minutes in a high-speed blender with sufficient *Buffer B.3* to obtain a stock solution of convenient concentration. Dilute this stock solution quantitatively with the same buffer 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
PAROMOMYCIN SULFATE CAPSULES	Ying Han 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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