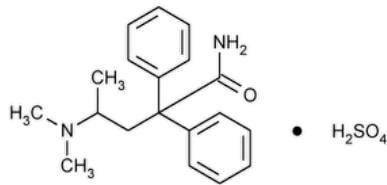


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Delete the following:

^Aminopentamide Sulfate



C₁₉H₂₄N₂O · H₂SO₄ 394.49

α-[2-(Dimethylamino)propyl]-α-phenylbenzeneacetamide sulfate CAS RN®: 60-46-8; UNII: IP1B47L61M.

» Aminopentamide Sulfate contains not less than 95.0 percent and not more than 103.0 percent of C₁₉H₂₄N₂O · H₂SO₄.

Packaging and storage—Preserve in tight containers, and store at controlled room temperature.

Labeling—Label it to indicate that it is for veterinary use only.

USP REFERENCE STANDARDS (11)—

[USP Aminopentamide Sulfate RS](#)

Clarity and color of solution—Dissolve 0.5 g in 10 mL of water: the solution is clear and colorless.

Identification—

A: [SPECTROSCOPIC IDENTIFICATION TESTS \(197\)](#), [Infrared Spectroscopy](#): 197K

B: It meets the requirements of the tests for [Sulfate \(191\)](#).

MELTING RANGE (741): between 179° and 186°.

pH (791): between 1.2 and 3.0, in a solution (2.5 in 100).

LOSS ON DRYING (731): Dry it at 105° for 4 hours: it loses not more than 4.4% of its weight.

RESIDUE ON IGNITION (281): not more than 0.5%.

Assay—Dissolve about 500 mg of Aminopentamide Sulfate, accurately weighed, in 100 mL of dimethylformamide in a suitable container. Add 5 drops of thymol blue TS, and titrate with 0.1 N lithium methoxide VS in toluene to a deep blue endpoint. Perform a blank determination, and make any necessary correction. Each mL of 0.1 N lithium methoxide is equivalent to 19.72 mg of C₁₉H₂₄N₂O · H₂SO₄▲ (USP 1-Dec-2024)

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

Topic/Question	Contact	Expert Committee
AMINOPENTAMIDE SULFATE	Documentary Standards Support	SM32020 Small Molecules 3

Chromatographic Database Information: [Chromatographic Database](#)

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