



Material	0408-100G
Material description	Kanamycin Sulfate
Grade	USP

CAS Number	25389-94-0
Molecular formula	C ₁₈ H ₃₈ N ₄ O ₁₅ S
Molecular mass	582.58
Storage	Ambient storage.

Characteristics	Specifications
Potency (on anhydrous substance)	≥ 750 µg/mg
Potency	0 - 9999 µg/mg
Appearance	White to off-white powder
Identification A (IR)	Passes test
Identification B (SO ₄)	Passes test
Identification C	Passes test
Crystallinity	Passes test
pH (25°C; 1 %)	6.5 - 8.5
Loss on drying	≤ 4.0 %
Residue on ignition	≤ 1.0 %
Chromatographic purity	Passes test

Signature

We certify that this batch conforms to the specifications listed above.

This document has been produced electronically and is valid without a signature.

Susan Marra, Quality Assurance Manager - Sanborn
VWR Chemicals, LLC; 6351 East Inducon Drive; Sanborn;
NY 14132; USA

For Professional use in Laboratory or Manufacturing. Not for use as an Active Pharmaceutical Ingredient or Food or Animal Feed. Suitability and intended use of the product remains the responsibility of the user.