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## Certificate of Analysis

**Product Description:** Kanamycin Monosulfate, USP\_

**Catalog Number:** 199853\_

**Lot:** 9434H\_

**Formula:**  $C_{18}H_{36}N_4O_{11} \cdot H_2SO_4$

**CAS #:** 25389-94-0

**Physical Description:** White Powder

**Formula Weight:** 582.6

**Storage:** Room Temperature

| Test                   | Specification | Result    |
|------------------------|---------------|-----------|
| Identity Test          | Passes        | Passes    |
| Potency                | >750 µg/mg    | 783 µg/mg |
| Crystallinity          | Passes        | Passes    |
| pH (1% aq soln)        | 6.5 - 8.5     | 8.37      |
| Loss on Drying         | ≤4%           | 1.09%     |
| Residue on Ignition    | ≤1%           | 0.18%     |
| Chromatographic Purity | Passes        | Passes    |

12/01/2005 - Robert Beattie

MP Biomedicals, LLC.

Technical Director

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Online Ordering, MSDSs, certificates of analysis and data sheets now available on our web site

Technical Service: 1-800-279-5490 (440-337-1200) Customer Service: 1-800-854-0530 (440-337-1200)