



# SWAPNROOP DRUGS & PHARMACEUTICALS

Address: Plot No:D-187/16, Five Star Shendra MIDC, Shendra,  
Aurangabad-431154, Maharashtra, India.

Call/ WhatsApp: +91-8767062101 Email: enquiry@sdp.org.in  
website: www.sdp.org.in

## CERTIFICATE OF ANALYSIS

|                |                  |                  |            |
|----------------|------------------|------------------|------------|
| Product Name   | Amikacin sulfate | CAS No:          | 39831-55-5 |
| Batch No:      | 2605001          | Manufactured by  | -          |
| Date of Mfg.   | MAY-2026         | Date of Analysis | 20/05/2026 |
| Batch Quantity | -                | Date of Retest   | APR2031    |

| Sr. No | Test                | Acceptance Criteria                                                                                                                     | Results  |
|--------|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------|----------|
| 1.     | Description         | Should be white crystalline powder                                                                                                      | Complies |
| 2.     | Solubility          | Should be soluble in water                                                                                                              | Complies |
| 3.     | Identification      |                                                                                                                                         |          |
|        | By IR               | The infrared absorption spectrum of the test sample is consistent with that of the reference sample                                     | Complies |
|        | By HPLC             | The retention time of the main peak of the test solution should be consistent with the retention time of the peak of reference solution | Complies |
| 4.     | Specific rotation   | +76°-+84°                                                                                                                               | +80°     |
| 5.     | PH                  | 2.0-4.0                                                                                                                                 | 3.4      |
| 6.     | Loss on drying      | <13.0%                                                                                                                                  | 9.2%     |
| 7.     | Residue on ignition | <1.0%                                                                                                                                   | 0.04%    |
| 8.     | Bacterial endotoxin | <0.33EU/mg                                                                                                                              | Complies |
| 9.     | Residual solvent    |                                                                                                                                         |          |
|        | Methyl alcohol      | ≤ 0.3%                                                                                                                                  | ND       |
|        | Ethyl alcohol       | ≤ 0.5%                                                                                                                                  | ND       |



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|     |              |                               |                |
|-----|--------------|-------------------------------|----------------|
|     | Acetone      | $\leq 0.5\%$                  | ND             |
|     | Acetonitrile | $\leq 0.041\%$                | ND             |
| 10. | Assay (Dry)  | 674 $\mu$ g/mg-786 $\mu$ g/mg | 722 $\mu$ g/mg |

Storage: Store in air tight container below room Temperature

Conclusion: Product Complies as per above Specifications

| Prepared By                                                                                         | Checked by                                                                                           | Approved By                                                                                           |
|-----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| Sonali Nirmal<br> | Dadarao kakde<br> | Nayna Nehete<br> |
| Date: 23/05/2026                                                                                    | Date: 23/05/2026                                                                                     | Date: 23/05/2026                                                                                      |

