

Certificate of Analysis

Paromomycin Sulfate

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|-------------|--------------|------------------|--------------|
| CAS No. | 1263-89-4 | Code | BIOJPAR001 |
| Batch No | AG241211E | Manufacture Date | Dec.25, 2024 |
| Retest Date | Dec.24, 2027 | Quantity | 25Kgs |

| Testing Items | Specifications | Results |
|---------------------|--|-----------------------------|
| Appearance | White or yellowish powder | White powder |
| Identification | TLC: The R_F value of the principal spot obtained from the test solution corresponds to that obtained from the standard solution | Complies |
| | Sulfate: It meets the requirements of the tests for sulfate | Complies |
| Specific rotation | $+50^{\circ} \sim +55^{\circ}$ | $+54^{\circ}$ |
| pH | 5.0~7.5 | 6.2 |
| Loss on drying | $\leq 5.0\%$ | 2.8% |
| Residue on ignition | $\leq 2.0\%$ | 0.5% |
| Assay | $\geq 675\mu\text{g}/\text{mg}$ (Calculated on the dried basis) | 747 $\mu\text{g}/\text{mg}$ |
| Bulk density | 0.25g/ml~0.65g/ml | 0.38g/ml |
| Conclusion | This product conforms to current USP standard | |

***Storage condition: Store below 25°C, Protect from moisture and light.**