



Certificate of Analysis

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|-----------------------|------------|-------------------------|-------------|
| Product name | Rapamycin | Manufacture date | May.25.2024 |
| Batch number | SW20240525 | Analysis date | May.26.2024 |
| Batch quantity | 5kg | Expiry date | May.25.2026 |

| ITEM | SPECIFICATION | RESULTS |
|---------------------------|--|----------|
| Appearance | White powder, neutral odor, highly hygroscopic | Conforms |
| Identification | Standard solution and test solution same spot,RF | Conforms |
| Specific Optical | -2.4°~ -2.8° | -2.72° |
| Heavy metals (as PB) | ≤10ppm | Conforms |
| Sulfate (SO4) | ≤0.02% | Conforms |
| Chloride (Cl) | ≤0.02% | Conforms |
| Phosphate Ion (P) | ≤5ppm | Conforms |
| Residual solvent(ethanol) | ≤1.0% | Conforms |
| PH | 4.5~7.0 | 5.10 |
| Related substance | Spot not bigger than standard solution spot | No spot |
| Water Content | ≤2% | 0.26% |
| Assay (dried basis) | 98.5%--100% | 99.48% |
| Conclusion | Complies with specification | |

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| Packing description: | Sealed export grade drum & double of sealed plastic bag |
| Storage: | Store in cool & dry place not freeze, keep away from strong light and heat |
| Shelf life: | 2 years when properly stored |

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