Certificate of Analysis
Neomycin Sulfate

CAS No.	1405-10-3	Code	BIOJNEO001
Batch No	SC-NM-20251243	Manufacture Date	Dec.16, 2025
Expiry Date	Jun.15, 2029	Quantity	6Kgs

Testing Items	**Specifications**	**Results**
Characters	White to slightly yellow powder, or cryodesiccated solid. Is odorless or practically so and is hygroscopic. Its solutions are dextrorotatory. Freely soluble in water, very slightly soluble in alcohol, insoluble in acetone, in chloroform, and in ether	Slightly yellow powder, odorless, hygroscopic. Solubility: Complies
Identification	A. Thin-layer chromatogram meets the requirements	Complies
	B. The retention time of the neomycin B peak of the Sample identification solution corresponds to that of the Standard solution, as obtained in the test for Composition of Neomycin Sulfate	Positive
	C. Positive	Positive
pH	5.0~7.5	6.6
Impurities	Neomycin A: ≤2.0%	0.2%
	Neomycin C: 3.0~15.0%	14.3%
	Any individual unspecified impurity: ≤5.0%	1.8%
	Total unspecified impurities: ≤15.0%	4.6%
Loss on drying	≤8.0%	5.4%
Potency	Not less than 600μg/mg (dried basis)	688μg/mg (dried basis)
		651μg/mg (as is)
Conclusion	This product conforms to USP2023 standard	

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