



西安菲斯弗生物科技有限公司

Xi'an Faithful Biological Technology Co., Ltd.

## Certificate of Analysis-Neomycin Sulfate

CAS: 1405-10-3

Batch Number: *FTF0240316* Batch Quantity: 1000kg

Manufacture Date: Mar.14<sup>th</sup>,2024 Analysis Date:Mar.15<sup>th</sup>,2024 Certificate Date: Mar.16<sup>th</sup>,2024

**Storage** Store in cool & dry place. Store in well-closed containers.

**Shelf life** 3 years when properly stored.

Item	Specification	Results
Appearance	A white or yellowish-white powder. Odorless or almost. Hygroscopic	Complies
Identification	A; B; C The positive reaction.	Complies
Solubility	Very soluble in water, insoluble in acetone、chloroform、 ether.	Complies
Impurity A	≤2%	Complies
Impurity C	3%-15%	Complies
Specific optical rotation	+53.5°to +59.0°	+58.2°
Acidity or alkalinity (PH)	5.0-7.5	6.5
Loss on drying	≤8.0%	4.5%
Assay (Microbial)	≥600μg/mg (DRY)	672μg/mg (DRY) 637μg/mg (MOIST)

**Conclusion:** The product meets the requirements of USP19.

QC MANAGER: 刘娟 INSPECTOR: 黄子烨

