



西安菲斯弗生物科技有限公司
Xi'an Faithful Biological Technology Co., Ltd.

Certificate of Analysis-Prulifloxacin

CAS: 123447-62-1

Batch Number: FTF0240126 **Batch Quantity:** 160kg

Manufacture Date: Jan.24th,2024 **Analysis Date:** Jan.25th,2024 **Certificate Date:** Jan.26th,2024

Storage Store in cool & dry place. Store in well-closed containers.
Shelf life 3 years when properly stored.

ITEM	Specification	Result
Characters	Light yellow to yellow crystalline powder, with funk	Light yellow crystalline powder
Solubility	Slightly soluble in DMF, almost not soluble in methanol, not soluble in water, slightly soluble in 0.1mol/LNAOH, almost not soluble in 0.1mol/LHCL	Complies
Fluorin	3.5-5.0%	4.36%
Acetonitrile	≤0.4%	0.01%
Loss on drying	≤1.0%	0.41%
Residue on ignition	≤0.1%	0.04%
Heavy metal	≤20ppm	<20ppm
Residue solvents	Should be complies	Complies
Total impurity	≤1.0%	0.47%
Assay (C21H20FN3O6S, on the dried basis)	≥98.5%	99.7%

Conclusion: Conform with enterprise specification .

QC MANAGER: 刘娟 **INSPECTOR:** 黄子烨

