



西安菲斯弗生物科技有限公司

Xi'an Faithful Biological Technology Co., Ltd.

Certificate of Analysis-Sparfloxacin

CAS 110871-86-8

Batch Number: *FTF20260317* Batch Quantity: 35kg

Manufacture Date: Mar.15th,2026 Analysis Date: Mar.16th,2026 Certificate Date: Mar.17th,2026

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

Shelf life 3 years when properly stored.

Item	Specification	Result
Appearance	Light yellow crystalline powder	Complies
Identification (HPLC)	Consistent with reference standard	Complies
Assay (HPLC, on dried basis)	≥99.0%	99.42%
Melting Point	232 ~ 236°C	234.1°C
Loss on Drying	≤0.50%	0.21%
Residue on Ignition	≤0.10%	0.04%
Heavy Metals	≤10 ppm	<5 ppm
Fluoride Content	8.8% ~ 9.8%	9.23%
Related Substances Single impurity	≤0.10%	0.06%
Total Related Substances	≤0.30%	0.15%
Residual Solvents Methanol	≤3000 ppm	<100 ppm
Ethanol	≤5000 ppm	<100 ppm
Water Content (Karl Fischer)	≤0.40%	0.18%

Conclusion: Conform with enterprise specification .

QC MANAGER: 刘娟 INSPECTOR: 黄子烨

