



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

Certificate of Analysis-Levonorgestrel

CAS: 797-63-7

Batch Number: **FTF0240324** Batch Quantity: 2000g

Manufacture Date: Mar.22th,2024 Analysis Date:Mar.23th,2024 Certificate Date: Mar.24th,2024

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

Shelf life 3 years when properly stored.

ITEM	SPECIFICATION	RESULTS
Description	White powder	Conforms
Specific Rotation	30°~35°	32°
Identification	It complies with the test for specific optical rotation and melting point	Conforms
	Infrared absorption spectrophotometry should be consistent with levonorgestrel CRS	Conforms
Loss on drying	≤0.5%	0.20%
Residue on ignition	≤0.3%	0.07%
Limit of Ethynyl Group	7.81%~8.18%	7.92%
Related substances	Single impurity≤0.5%	<0.5%
	Total Impurities ≤2.0%	<2.0%
Organic Volatil impurities	Ethanol≤5000ppm	1200ppm
Assay	≥99%	99.95%
Conclusion	Conform with enterprise specification.	

QC MANAGER: **刘娟**

INSPECTOR: **黄子烨**

