



西安菲斯弗生物科技有限公司

Xi'an Faithful Biological Technology Co., Ltd.

## Certificate of Analysis-Diclofenac Sodium

CAS: 15307-79-6

Batch Number: *FTF0231125* Batch Quantity: 500kg

Manufacture Date: Nov.23<sup>th</sup>,2023 Analysis Date:Nov.24<sup>th</sup>,2023 Certificate Date: Nov.25<sup>th</sup>,2023

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

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

Item	Specification	Results
Characteristics	White slightly yellowish crystalline powder, slightly hygroscopic.	Complies
Solubility	Sparingly soluble in water, freely soluble in methanol, ethanol(96%);slightly soluble in acetone; practically insoluble in ether.,	Complies
Identify	(A) IR-Spectrum (D) Reaction of sodium salt	Complies
Acidity alkalinity	6.5-7.5	7.0
Melting point	278-279°C	278.5°C
Appearance of solution	Clear Absorption of sodium salt $\leq$ 0.05	0.001
Related Substances	Single impurity max 0.2% total impurity max 0.5%	0.01% 0.03%
Heavy metal	Max 10ppm	0.2ppm
Loss on drying	Max 0.5%	0.03%
Assay	99.0-101.0%	99.8%

**Conclusion:** Conform with enterprise specification .

QC MANAGER: 刘娟 INSPECTOR: 黄子烨

