



Certificate of Analysis

Product name	Marbofloxacin	Manufacture date	Jun.28.2023
Batch number	SW230628	Analysis date	Jun.29.2023
Batch quantity	200kg	Expiry date	Jun.28.2025

ANALYSIS		SPECIFICATION	RESULTS
Appearance		Light yellow crystalline powder	Complies
Solubility			
Water		Slight suluble	Complies
Methylene chloride		Sparingly soluble	Complies
Ethanol(96%)		Very slightly soluble	Complies
Assay (Dried substance)		99.0%~101.%	99.53%
Identification		Concordant with the spectrum of reference substance	Complies
I.R. Spectrum			
Absorbance		≤0.20	0.15
Related substances	Impurity A	≤0.1%	Not detected
	Impurity B	≤0.1%	Not detected
	Impurity C	≤0.2%	0.01
	Impurity D	≤0.2%	Not detected
	Impurity E	≤0.2%	Not detected
	Unspecified Impurity	≤0.2%	0.14
	Total Impurity	≤0.5%	0.33
Heavy Metal		<20ppm	<20ppm
Loss on drying		<0.5% w/w	0.09
Sulphated ash		<0.10% w/w	0.01
Residual solvents	Ethanol	<5000ppm	284ppm
	Dichloromethane	<600ppm	Not detected

Packing description	Sealed export grade drum & double of sealed plastic bag
Storage	Store in a cool and dry place, stay away from strong light and heat
Shelf life	2 years when properly stored

Quality Assurance Officer: 李强

Corrector: 佟丽华

Analyst: 方臻

