



Certificate of Analysis

Product name	Doramectin	Manufacture date	Oct.27.2023
Batch number	SW231027	Analysis date	Oct.28.2023
Batch quantity	500kg	Expiry date	Oct.27.2025

Item	Specification	Result
Appearance	White crystalline Powder	Conforms
Identification	A. H-NMR: Comply with the structure	Conforms
	B. LC-MS: Comply with the structure	Conforms
	C. The IR spectrum of sample should be identical with that of reference standard	Conforms
	D.HPLC-ESI-MS:The retention time of major peak in the chromatogram of the Assay preparation corresponds to that in the chromatogram of the standard preparation,as obtained in the Assay	Conforms
Crystallinity	Meets the requirements	Conforms
Loss on drying	$\leq 2.0\%$	0.19%
Heavy Metals	$\leq 10\text{ppm}$	Conforms
Water	$\leq 1.0\%$	0.1%
Sulphated Ash	$\leq 0.5\%$, determined on 1.0g	0.009%
Related substance	Unspecified impurities:for each impurity $\leq 0.10\%$	$\leq 0.10\%$
	Total Impurity $\leq 0.5\%$	0.18%
Purity	$\geq 99\%$	99.7%
Assay	99.0%~101.0%	99.8%
Conclusion	Conforming to Enterprise Standard	

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

Quality Assurance Officer: 李强

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Analyst: 刘琼

