



西安子午生物科技有限公司
Xi'an Sonwu Biotech Co.,Ltd.

Certificate of Analysis

Product name	Kopyrrol	Manufacture date	Apr.25.2024
Batch number	SW240425	Analysis date	Apr.26.2024
Batch Quantity	300kg	Expiry date	Apr.25.2026

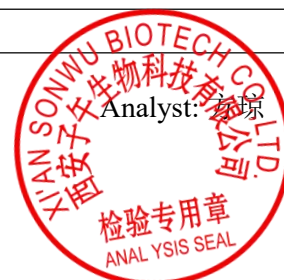
ITEMS	SPECIFICATIONS		RESULTS
Purity	$\geq 99.0\%$		99.7%
Assay	99.0%~101.0% (anhydrous substance)		99.8%
Identification	A. H-NMR: Comply with the structure		Complies
	B. LC-MS: Comply with the structure		Complies
	C. The IR spectrum of sample should be identical with that of reference standard		Complies
	D. HPLC-ESI-MS The retention time of the major prak in the chromatogram of the Assay preparation corresponds to that in the chromatogram of the Standard preparation, as obtained in the Assay		Complies
Crystallinity	Meets the requirements		Complies
Loss on drying	$\leq 2.0\%$		0.18%
Heavy metals	$\leq 10\text{ppm}$		$< 10\text{ppm}$
Water	$\leq 1.0\%$		0.1%
Sulphated ash	≤ 0.55 , determined on 1.0g		0.009%
Related substances	Unspecified impurities: for each impurity	$\leq 0.10\%$	$< 0.10\%$
	Total impurity	$\leq 0.5\%$	0.15%
Total plate count	$\leq 1000\text{cfu/g}$		Complies
Yeast & Mold	$\leq 100\text{cfu/g}$		Complies
E.Coli	Negative		Negative
Salmonella	Negative		Negative
S.aureus	Negative		Negative
Conclusion	This product conforms to the specifications.		

Packing description:	Sealed export grade drum & double of sealed plastic bag
Storage:	Long-term storage is 15 degrees below zero.
Shelf life:	2 years when properly stored

Quality Assurance Officer: 李强

Corrector: 佟丽华

Analyst: 李琼



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