

Certificate of Analysis

Product Name	Artemisinin	Manufacture Date	2019-11-25
Batch Quantity	300KG	Analysis Date	2019-11-25
Batch Number	KN191125	Expiration Date	2021-11-24

Test	Specifications	Result
Assay(C₁₅H₂₂O₅)	97.0%~102.0%	99.12%
Appearance	White crystalline powder	Complies
Identification	The principal peak in the chromatogram obtained with the test solution corresponds to the peak in the chromatogram obtained with the reference solution	Complies
Specific optical rotation	+75.0° - +78.0°	+76.0°
Ash	≤0.1%	0.04%
Loss on drying	≤0.5%	0.05%
Microbiology:		
Total Plate Count	≤1000cfu/g	100cfu/g
Yeast & Mold	≤100cfu/g	20cfu/g
E.Coli	Negative	Complies
S. Aureus	Negative	Complies
Salmonella	Negative	Complies
Conclusion	Conform with specification, In house	

Packing description	1kg/foil bag; 25kg/drum
Storage	Store in cool and dry place, protected from light and moisture
Shelf life	2 years when properly stored



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