

Certificate of Analysis

Product Name	Dihydroartemisinin	Manufacture Date	2021-06-13
Batch Quantity	100KG	Analysis Date	2021-06-19
Batch Number	KN210613	Expiration Date	2023-06-12

Test	Specifications	Result
Appearance	White crystal or crystalline powder, odorless	Complies
Assay	98.0%~102.0%	100.8%
Solubility	Soluble in acetone, slightly soluble in methanol or ethanol; and almost insoluble in water	Complies
MP	145-150°C with decomposition	145.1-145.9°C
Identification (HPLC)	The retention time of the main peak of the test solution should be consistent with that of the standard solution	Complies
Identification (IR)	The infrared absorption spectrum of the product should be consistent with that of the standard (spectrum set 519)	Complies
Related substance	Number of impurities 0.25%-0.5%	≤1
	Any other impurity	≤0.5%
	Total impurity	≤1.0%
Water	≤0.5%	0.21%
Residue of ignition	≤0.1%	0.03%
Conclusion	Conform with specification	

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



Corrector: 杨金波

Analyst: 许珂