

CERTIFICATE OF ANALYSIS

Name of Product: Chloroquine diphosphate	
Batch No.: 20180521	CAS:50-63-5
Quantity: 1000kg	Manufacture date: 2018.05.21
Test date: 2018.05.21	Retest date: 2020.05.20

Test Items	Quality Standard	Test Result
Appearance	This product is a white crystalline powder; Odourless, taste bitter, with light gradients, acidic aqueous solution.	Conforms
Assay	$\geq 98.0\%$	99.6%
Clarity	\leq Turbidity standard 2 or less	Conforms
Water content	$\leq 3.0\%$	2.0%
Heavy metal	$\leq 20\text{ppm}$	Conforms
Material	Single impurity $\leq 0.1\%$	Conforms
	Total impurity $\leq 0.5\%$	Conforms
Arsenic salt	$\leq 0.0005\%$	Conforms
Solubility	product is easy to let in the water, almost not in ethanol, chloroform, ethyl ether	Conforms
P H	3.5~4.5	3.9
Identify	IR	Conforms
	UV	Conforms
	HPLC	Conforms

Storage conditions

Cool and dry, no more than 26℃

Conclusion: This product conforms to the Enterprise Standard.

Analyst:

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Checker:

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Supervisor:

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