



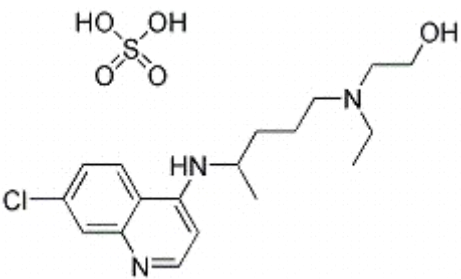
HANGZHOU DINGYAN CHEM CO.,LTD

TEL: 86-571-87157530,86465881,88025800, FAX:86-571-87156470

E-Mail:sales@dingyanchem.com,Web: www.dingyanchem.com

CERTIFICATE OF ANALYSIS

NO: DYC04702082

Product name	Hydroxychloroquine Sulphate
CAS Number	747-36-4
Molecule Structure	
Molecule Formula	C ₁₈ H ₂₈ ClN ₃ O
Batch number	20160512
Manuf&Exp. Date	2016-05-12, 2018-05-11
Testing date	2016-05-12

Items	Standard	Result
Appearance	White to off-white crystalline powder, odorless, bitter taste	Complies
Solubility	Soluble in water, insoluble in ethanol, chloroform or ether	Complies
Identification	Comply with the standard	Complies
	The infrared spectrum should be consistent with the control map	Complies
	Positive reaction	Positive reaction
clarity and color of the solution	Comply with the standard	Complies
PH	3.5-5.5	4.3
Chloride	0.015% max	Complies
Related substances	The impurity peak area shall not be greater than that of the control solution and peak area 1.0%	0.39%
Loss on drying	2.0% max	0.36%
Ignition residue	0.2% max	0.06%
Heavy metal	20 ppm max	Complies
Dichloromethane	0.06% max	0.009%
Ethanol	0.5% max	0.36%
Microbial limit 1	Bacteria:1000cfu/g	10cfu/g

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Microbial limit 2	Mold and yeast:100cfu/g	10cfu/g
Microbial limit 3	Escherichia coli, live mites:Negative	Negative
Asssy	according to dry basis:98%min	99.35%

Hangzhou Dingyan Chem Co., Ltd.
QUALITY CONTROL: Cristina CHECK:姚仙娟 INSPECTOR: 刘清风
Quality Control Signature(s)

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