



Certificate of Analysis

Product Name: Chloroquine phosphate		Mfg Date: 2020.02.20
Batch No: 20022001		Retest Date: 2022.02.19
Quantity: 289kg		Date of Analysis: 2020.02.30
TEST ITEM	SPECIFICATION	RESULT
Appearance	A white crystalline powder	Complies
Melting point	193°C-196°C	193°C
Identification	1. UV: the absorption maxima at 222nm, 257nm, 329nm and 343nm 2. IR: Infrared absorption spectrum accord with that of Chloroquine CRS (IR Album No.672) 3. Phosphate identification: yields the reaction characteristic of phosphates	1. The absorption maxima at 220.6nm, 256.2nm, 329.2nm and 342.8nm 2. Complies 3. Complies
Clarity of solution	Not more pronounced than the reference suspension II	Complies
Related substance	impurity (0.5% < & < 1.0%) is no more than one	Complies
	Any other impurity: ≤ 0.5%	Complies
pH	3.5-4.5	4.09
Loss on drying	≤ 2.5%	1.70%
Residue on ignition	Not more than 0.1%	0.03%
Heavy metal	Not more than 20ppm	Complies
Arsenic	≤ 0.0005%	< 0.0005%
Residual Solvents	methylbenzene ≤ 890ppm	1ppm
	Ethanal ≤ 5000ppm	732ppm
Assay	Should be not less than 98%	99.2%
Microbial limit	TAMC ≤ 10 ³ cfu/g	10 cfu/g
	TYMC ≤ 10 ² cfu/g	10 cfu/g
	No E.coli (1g)	N.D.
Conclusion : Conform to CP2015		



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