

Product Specification

Product Name: Chloroquine diphosphate

Chloroquine bis(phosphate)

Item Nr.: 9013

MW: 515.90 g/mol

C₁₈H₂₆ClN₃*2H₃PO₄

CAS Nr.: 50-63-5

E.C.Nr.:

EINECS: 200-055-2

Parameter	Method	Specification	Unit
Appearance	visual	whitish crystalline powder	
Solubility	10% in CO ₂ -free H ₂ O	soluble	
Clarity of solution	Nephelometry	0	NTU
Coloration of sol.	Gardner	1	
Assay		98.5 - 101.0	%
Loss on drying		≤ 2.0	%
pH	10% in CO ₂ -free H ₂ O	3.8 - 4.3	
Melting point	Capillary method	~ 195	°C
Heavy metals		≤ 20	ppm
Related Substances	TLC one spot	<1.0	%
Related Substances	TLC any other spot	<0.5	%

Storage: Keep well closed at room temperature in a dark, dry, well-ventilated place.

For professional use only. Not intended for pharmaceutical use. We do not warrant suitability for any particular application. Consult Safety Data Sheet.

Version/Latest update: 03/04.02.2020