

Certificate of Analysis

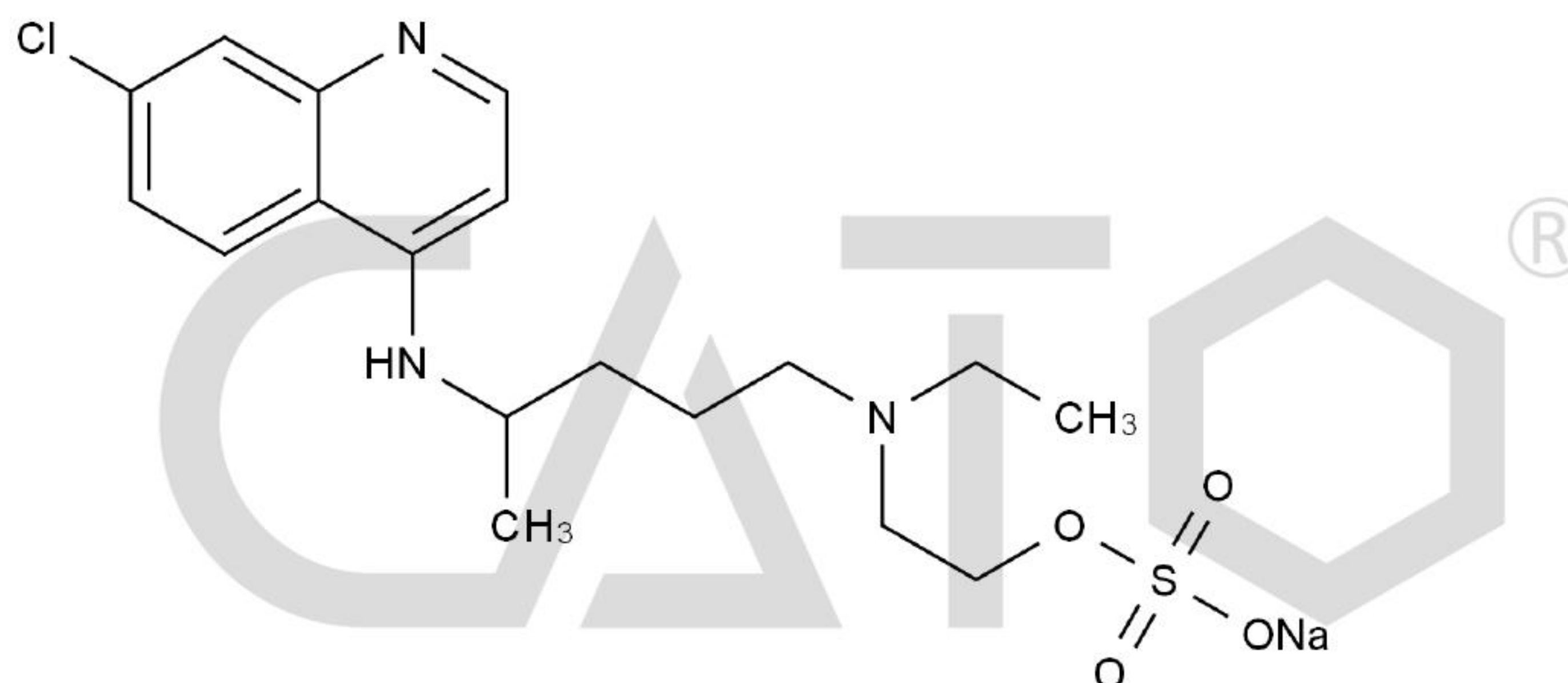
Reference Material & Standard

Product Name:	Hydroxychloroquine EP Impurity B sodium salt	Catalogue Number:	C4X-18352
Synonyms:	N/A	Lot Number:	0816-RD-0046
CAS Number:	103152-84-7(free base)	Expiry Date:	Aug 16, 2025
Molecular Formula:	C ₁₈ H ₂₅ ClN ₃ NaO ₄ S	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	437.92		

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Powder
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.898%
Loss on Drying	TGA	4.2148%
Assay		95.7%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss on Drying) * Purity HPLC (%) / 100%

Loss on Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

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Date: Aug 18, 2022

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