

Registered Address: Chemicea Pharmaceuticals Pvt Ltd, Platinum Springs,
Unit No- A- 205&206 Second floor, Plot No: G-6, G-20 to G 24, Taloja- MIDC, Opp. Dena Bank
Navi Mumbai 410208, MH, INDIA. Email- info@chemicea.com Mob- +91 9284897978

CERTIFICATE OF ANALYSIS

Analysis Date: Apr 2026

Re-test Date: Mar 2029

Product Name: Hydroxychloroquine EP Impurity D

Identification:

Chemical Name: (4RS)-N4-(7-chloroquinolin-4-yl)-N1-ethylpentane-1,4-diamine Hydrochloride (as per EP)

Synonyms : Chloroquine USP Related
Compound D ; De-Ethyl
Chloroquine

CAS Number : 4298-11-7

CAT Number : CP-H4004

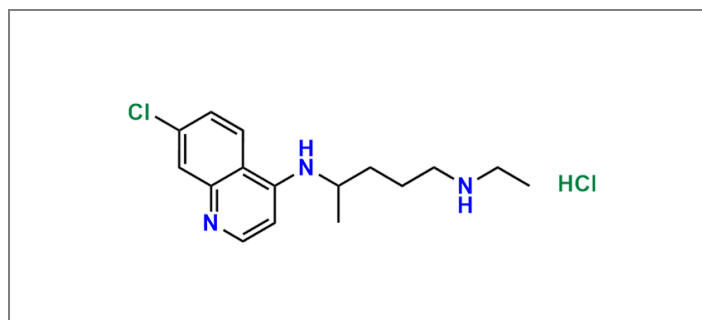
Molecular Formula : C₁₆H₂₂ClN₃ : HCl

Molecular Weight : 291.8 : 36.5

Batch Number : CP-HYD-D-0426

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is
mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	Brown Sticky mass
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	94.08%
5)	¹ H NMR	Confirm to structure
6)	¹³ C NMR	Confirm to Structure
7)	IR	Confirm to Structure



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Quality Control)

Approved By

Ms Rohini Gagare
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.