

# CERTIFICATE OF ANALYSIS

(Certificate No. KMH004024-02)

Release Date: 08/05/2025

Re-test Date: 07/05/2028

## Hydroxychloroquine N-Oxide

### Identification

**Chemical Name :**

4-[(7-chloroquinolin-4-yl)amino]-N-ethyl-N-(hydroxyethyl)pentan-1-amine N-oxide (as per EP)

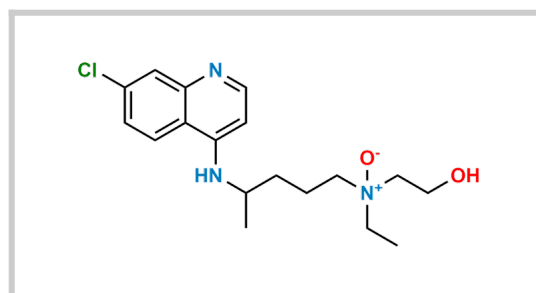
**Alt. Name** : Hydroxychloroquine N-Oxide

**CAT No.** : KMH004024

**CAS No.** : 1449223-88-4

**Molecular Formula** : C<sub>18</sub>H<sub>26</sub>ClN<sub>3</sub>O<sub>2</sub>

**Molecular Weight** : 351.9



### Analytical Information

**Batch No.** : H004024-102-016

**Solubility** : Methanol

**Description** : Light Yellow Semi Solid

**Mass** : Confirm

**HPLC Purity** : 98.86 %

**IR** : Confirm

**Weight Loss By TGA** : 1.31 %

**<sup>1</sup>H NMR** : Confirm

**% Potency** : 97.56 %

### Additional Information

**Long Term Storage** : Store at 2-8 deg. C for long term storage

**Shipping Condition** : Product is stable to be Shipped at Room Temperature

**% Potency** = [100 - 1.31(Weight Loss By TGA)] x [98.86(HPLC Purity)]/100 = 97.56 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		08/05/2025
Reviewed & Approved By	Quality Control	Jatin Patel		08/05/2025

**Attachments** : COA, HPLC, MASS, <sup>1</sup>HNMR, IR and TGA