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)

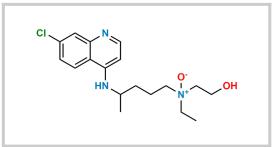
Alt. Name : Hydroxychloroquine N-Oxide

CAT No. : KMH004024

CAS No. : 1449223-88-4

Molecular Formula : C18H26ClN3O2

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 : Confirm : 1.31 % 1H NMR

% 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, 1HNMR, IR and TGA