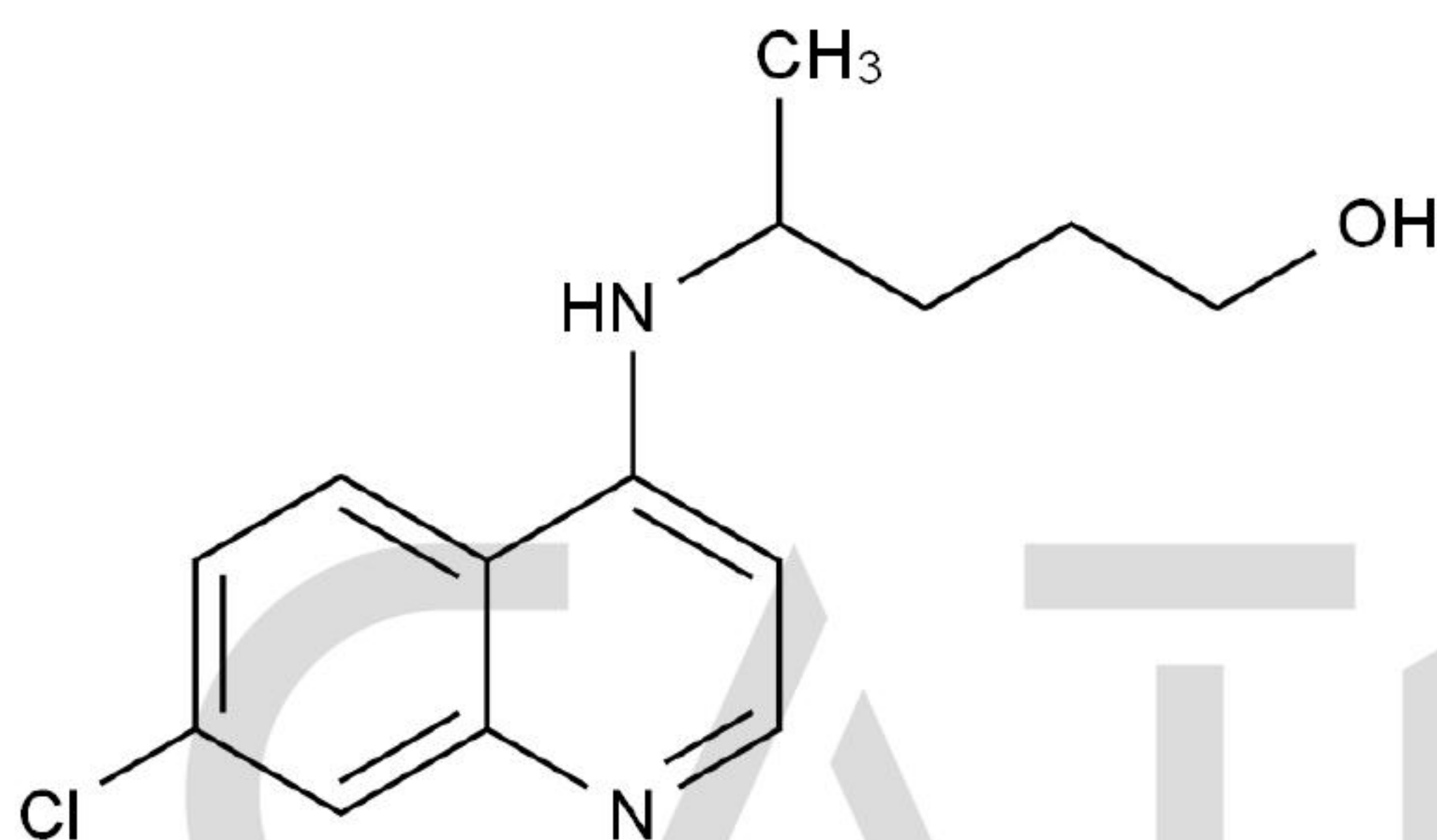


# Certificate of Analysis

## Reference Material & Standard

|                           |                                                    |                          |                                           |
|---------------------------|----------------------------------------------------|--------------------------|-------------------------------------------|
| <b>Product Name:</b>      | Hydroxychloroquine EP Impurity E                   | <b>Catalogue Number:</b> | C4X-18355                                 |
| <b>Synonyms:</b>          | N/A                                                | <b>Lot Number:</b>       | 0106-RG-0106                              |
| <b>CAS Number:</b>        | 10500-64-8                                         | <b>Expiry Date:</b>      | Jan 02, 2028                              |
| <b>Molecular Formula:</b> | C <sub>14</sub> H <sub>17</sub> ClN <sub>2</sub> O | <b>Storage:</b>          | 2°C ~ 8°C Protected from light and Sealed |
| <b>Molecular Weight:</b>  | 264.75                                             |                          |                                           |

Chemical Structure:



| Test Items     | Method            | Results         |
|----------------|-------------------|-----------------|
| Appearance     | Visual inspection | Off-White Solid |
| Identification | LCMS&HNMR         | Confirmed       |
| Purity         | HPLC              | 98.7%           |
| Assay          | qNMR              | 95.2%           |

## Comment:

Assay was determined by quantitative <sup>1</sup>H-NMR.

## Signature:

Prepared by:

*Koi*

Reviewed by:

*Lisa*

Approved by General Manager:

*David*

Date: Jan 09, 2025

Date: Jan 10, 2025

Date: Jan 10, 2025

