

# Certificate of Analysis

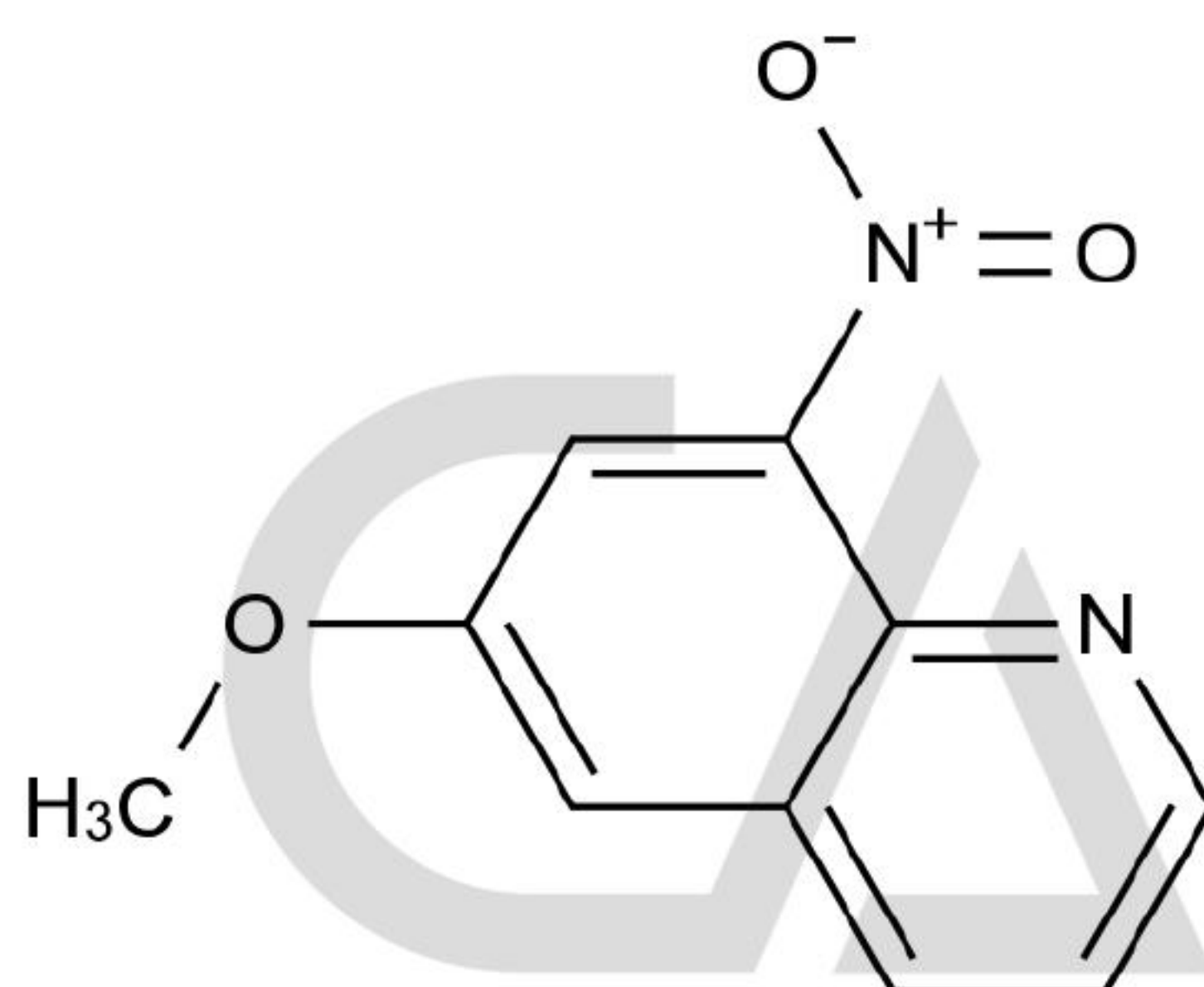
## Reference Material & Standard

|                    |                                                              |                   |                                           |
|--------------------|--------------------------------------------------------------|-------------------|-------------------------------------------|
| Product Name:      | Primaquine EP Impurity B                                     | Catalogue Number: | C1774223                                  |
| Synonyms:          | N/A                                                          | Lot Number:       | 0923-RG-0135                              |
| CAS Number:        | 85-81-4                                                      | Expiry Date:      | Sep 25, 2029                              |
| Molecular Formula: | C <sub>10</sub> H <sub>8</sub> N <sub>2</sub> O <sub>3</sub> | Storage:          | Room Temp Protected from light and Sealed |
| Molecular Weight:  | 204.18                                                       |                   |                                           |

Warning:



Chemical Structure:



| Test Items     | Method            | Results     |
|----------------|-------------------|-------------|
| Appearance     | Visual inspection | Brown Solid |
| Identification | LCMS&IR&HNMR      | Confirmed   |
| Purity         | HPLC              | 99.715%     |
| Loss on Drying | TGA               | 0.1442%     |
| Assay          |                   | 99.6%       |

## 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:

Prepared by:

*Nice*

Reviewed by:

*Koi*

Approved by General Manager:

*David*

Date: Sep 26, 2025

Date: Sep 26, 2025

Date: Sep 26, 2025



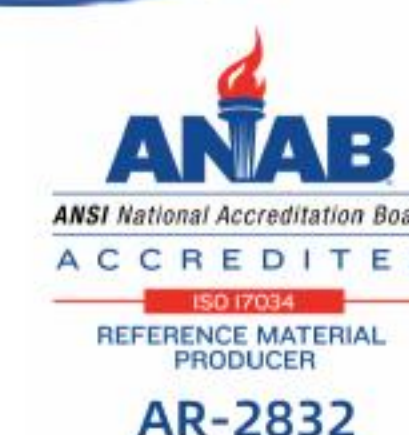
Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

Page 1 of 7



Official WeChat