



# Qualikems Lifesciences Pvt. Ltd.

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## CERTIFICATE OF ANALYSIS

|                          |                      |                         |                 |
|--------------------------|----------------------|-------------------------|-----------------|
| <b>Name of Product</b>   | : Mercuric Oxide Red | <b>CAS No.</b>          | : 21908-53-2    |
| <b>Molecular Formula</b> | : HgO                | <b>Molecular Weight</b> | : 216.59 g/mole |
| <b>Batch No.</b>         | : QF2601034          | <b>Grade</b>            | : LR            |
| <b>Mfg. Date</b>         | : January-2026       | <b>Retest Date</b>      | : December-2030 |

| Sr. No.                       | Tests  | Specification         | Observation |
|-------------------------------|--|-----------------------|-------------|
| 1                             | Appearance                                     | Reddish orange powder | Complies    |
| 2                             | Assay(by complexometry)                        | Min. 99 %             | 99.56 %     |
| 3                             | Appearance of the solution                     | To Passes Test        | Complies    |
| Maximum Limits of Impurities: |  |                       |             |
| 4                             | Impurities with an acidic or alkaline reaction | To Passes Test        | Complies    |
| 5                             | Chloride(Cl)                                   | 0.05%                 | <0.05%      |
| 6                             | Nitrate(NO <sub>3</sub> )                      | To Passes Test        | Complies    |
| 7                             | Yellow mercury (II) oxide                      | passes test           | Passes      |
| 8                             | Loss on drying(105°C)                          | 0.5 %                 | 0.3 %       |

**Conclusion:** Product complies as per above specification.

**Note:** This document has been produced electronically and it is valid without signature.

Quality of our product tested and reported in the COA are as per the specification and without any prejudice/liability what so ever the end product performance

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