# Qualikems Lifesciences Pvt. Ltd.

**Ho & Works : Plot No. 68-69,G.I.D.C Industrial Estate, Nandesari, Vadodara-391340 (Guj.)**
**Telefax : 91-265-2841531,2841532,2841534,2841535**
**Email: salesindia@qualikems.com ,www.qualikems.com**


## CERTIFICATE OF ANALYSIS

| | | | | | |
|---|---|---|---|---|---|
| **Name of Product** | **:** | Phenolphthalein Powder | **CAS No.** | **:** | 77-09-8 |
| **Molecular Formula** | **:** | $C_{20}H_{14}O_4$ | **Molecular Weight** | **:** | 318.33 g/mol |
| **Batch No.** | **:** | QF2610326 | **Grade** | **:** | LR |
| **Mfg. Date** | **:** | October-2026 | **Retest. Date** | **:** | September-2031 |

| Sr. No. | Tests | Specification | Observation |
|---|---|---|---|
| 1 | Appearance | A White to off white powder | Complies |
| 2 | pH range (8.2-10.0) | Colourless to red- violet | Complies |
| 3 | Absorption maxima (buffer pH 9.8) | 551-554 nm | 553 nm |
| 4 | Sensitivity | To pass test | passes test |
| | **Maximum Limits of Impurities:** | | |
| 5 | Sulphated ash | 0.05% | 0.02 % |
| 6 | Chloride (Cl) | 0.01 % | < 0.01 % |
| 7 | Sulphate ($SO_4$) | 0.01 % | < 0.01 % |
| 8 | Loss on drying (at 110°C) | 1% | 0.5 % |

**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