



# 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

|                          |   |                          |                         |   |               |
|--------------------------|---|--------------------------|-------------------------|---|---------------|
| <b>Name of Product</b>   | : | Sodium Hydroxide pellets | <b>CAS No.</b>          | : | 1310-73-2     |
| <b>Molecular Formula</b> | : | NaOH                     | <b>Molecular Weight</b> | : | 40.00 g/mole  |
| <b>Batch No.</b>         | : | QF2512017                | <b>Grade</b>            | : | LR            |
| <b>Mfg. Date</b>         | : | December-2025            | <b>Retest. Date</b>     | : | November-2030 |

| Sr. No.                       | Tests   | Specification  | Observation |
|-------------------------------|---|--|-------------|
| 1                             | Appearance                                      | White deliquescent pellets readily absorb carbon dioxide | Complies    |
| 2                             | Assay (Acidimetric)                             | Min.98 %   | 98.51 %     |
| Maximum limits of impurities: |   |  |             |
| 3                             | Carbonate (as Na <sub>2</sub> CO <sub>3</sub> ) | 1 %  | 0.6 %       |
| 4                             | Chloride (Cl)                                   | 0.01 %   | < 0.01 %    |
| 5                             | Sulphate (SO <sub>4</sub> )                     | 0.003 %  | < 0.003 %   |
| 6                             | Phosphate (PO <sub>4</sub> )                    | 0.002%   | 0.0004 %    |
| 7                             | Silicate as (SiO <sub>2</sub> )                 | 0.01 %   | 0.006 %     |
| 8                             | Total nitrogen(N)                               | 0.0005%  | 0.0002 %    |
| 9                             | Iron (Fe)                                       | 0.001 %  | < 0.001 %   |
| 10                            | Aluminium (Al)                                  | 0.001%   | 0.0006 %    |
| 11                            | Arsenic (As)                                    | 0.0004 %   | < 0.0004 %  |
| 12                            | Heavy metal (as Pb)                             | 0.0005%  | 0.0003 %    |
| 13                            | Potassium(K)                                    | 0.1 %  | 0.06 %      |

**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.

Sales Office : 5531, Basti Harphool Singh Sadar Thana Road, Delhi-110006, INDIA  
 Tel : +91-11-23618475/23618476 | Fax:+91-11-23678476



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