

## Technical Data Sheet

|  |                                    |              |                  |
|--|------------------------------------|--------------|------------------|
| <b>Product Name</b>                            | <b>Potassium Hydroxide Pellets</b> |              |                  |
| <b>Product #</b>                               | <b>KS-02271</b>                    | <b>CAS #</b> | <b>1310-58-3</b> |
| For laboratory use, ACS, Ph. Eur.              |                                    |              |                  |
| <b>Specifications</b>                          |                                    |              |                  |
| Assay (Acidimetric, KOH)                       | ≥ 85.0%                            |              |                  |
| Carbonate (as K <sub>2</sub> CO <sub>3</sub> ) | ≤ 2.0%                             |              |                  |
| Identity                                       | Passes test                        |              |                  |
| Chloride (Cl)                                  | ≤ 0.008%                           |              |                  |
| Phosphate (PO <sub>4</sub> )                   | ≤ 0.002%                           |              |                  |
| Silicate (SiO <sub>2</sub> )                   | ≤ 0.01%                            |              |                  |
| Sulfate (SO <sub>4</sub> )                     | ≤ 0.005%                           |              |                  |
| Total Nitrogen (N)                             | ≤ 0.0005%                          |              |                  |
| Heavy Metals (as Pb)                           | ≤ 0.0005%                          |              |                  |
| Aluminum (Al)                                  | ≤ 0.001%                           |              |                  |
| Calcium (Ca)                                   | ≤ 0.002%                           |              |                  |
| Cadmium (Cd)                                   | ≤ 0.0005%                          |              |                  |
| Iron (Fe)                                      | ≤ 0.001%                           |              |                  |
| Sodium (Na)                                    | ≤ 1.0%                             |              |                  |
| Lead (Pb)                                      | ≤ 0.0002%                          |              |                  |
| Zinc (Zn)                                      | ≤ 0.0025%                          |              |                  |
| Insoluble Substance                            | Passes test                        |              |                  |

The certificate shall not be copied or reproduced without the written approval of **KEMICAS**.