



## PRODUCT SPECIFICATION SHEET

### Potassium Hydroxide Pellets ACS/FCC/NF

| Test                                                      | Specification                                    | Typical Result              |
|-----------------------------------------------------------|--------------------------------------------------|-----------------------------|
| Assay (As KOH )                                           | NLT 85.0%                                        | 86.89%                      |
| Color and appearance                                      | White deliquescent pellets.                      | White deliquescent pellets. |
| Carbonate (K <sub>2</sub> CO <sub>3</sub> )               | NMT 1.00%                                        | 0.33%                       |
| Chloride (Cl)                                             | NMT 0.002%                                       | 0.0005%                     |
| Nitrogen compounds (N)                                    | NMT 0.001%                                       | 0.0002%                     |
| Phosphate (PO <sub>4</sub> )                              | NMT 0.0005%                                      | 0.00003%                    |
| Sulphate (SO <sub>4</sub> )                               | NMT 0.003%                                       | 0.0002%                     |
| Heavy metals                                              | NMT 0.001%                                       | 0.0002%                     |
| Iron (Fe)                                                 | NMT 0.0005%                                      | 0.00003%                    |
| Nickel (Ni)                                               | NMT 0.001%                                       | 0.0005%                     |
| Calcium (Ca)                                              | NMT 0.0002%                                      | 0.00002%                    |
| Magnesium (Mg)                                            | NMT 0.0005%                                      | 0.00002%                    |
| Sodium (Na)                                               | NMT 0.05%                                        | 0.014%                      |
| Aluminium, iron and matter insoluble in hydrochloric acid | Insoluble residue after ignition weighs NMT 5 mg | Complies                    |
| Arsenic (As)                                              | NMT 0.0001%                                      | 0.00002%                    |
| Content of potassium                                      | NLT 59.9%                                        | 60.39%                      |
| Insoluble substances                                      | 0.01%                                            | 0.002%                      |
| Silicate (Si)                                             | NMT 0.005%                                       | 0.0005%                     |
| Aluminium (Al)                                            | NMT 0.002%                                       | 0.0002%                     |
| Nitrate (NO <sub>3</sub> )                                | NMT 0.001%                                       | 0.0002%                     |
| Lead (Pb)                                                 | NMT 0.0005%                                      | 0.00002%                    |
| Ammonia (NH <sub>3</sub> )                                | NMT 0.0005%                                      | 0.00002%                    |
| Zinc (Zn)                                                 | NMT 0.001%                                       | 0.0002%                     |

Appropriate/legal use of this product is the responsibility of the user