



# Specification

1.04873.0000 Potassium dihydrogen phosphate for analysis EMSURE® ISO

|                                                     | Spec. Values |   |
|-----------------------------------------------------|--------------|---|
| Assay (alkalimetric, calculated on dried substance) | 99.5 - 100.5 | % |
| Assay (alkalimetric; dried substance)               | ≥ 99.5       | % |
| pH-value (5 %; water)                               | 4.2 - 4.5    |   |
| Chloride (Cl)                                       | ≤ 0.0005     | % |
| Sulfate (SO <sub>4</sub> )                          | ≤ 0.003      | % |
| Total nitrogen (N)                                  | ≤ 0.001      | % |
| Heavy metals (as Pb)                                | ≤ 0.0010     | % |
| As (Arsenic)                                        | ≤ 0.0002     | % |
| Cu (Copper)                                         | ≤ 0.0003     | % |
| Fe (Iron)                                           | ≤ 0.0010     | % |
| Na (Sodium)                                         | ≤ 0.02       | % |
| Pb (Lead)                                           | ≤ 0.001      | % |
| Reducing substances                                 | passes test  |   |
| Loss on drying (110 °C)                             | ≤ 0.2        | % |
| Loss on drying (130 °C)                             | ≤ 0.2        | % |

Corresponds to ISO

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Responsible laboratory manager quality control

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